Brickify Studio — Build Instructions

Studs: 112×128 Layers: 12

Total pieces: 44,482



Preview (top view)

Baseplate Layout (Assembly)

Build area: 112×128 studs · Baseplates: 7×8 (16×16) · Color: black

A1	A2	A3	A4	A5	A6	A7
B1	B2	B3	B4	B5	B6	B7
C1	C2	C3	C4	C5	C6	C7
D1	D2	D3	D4	D5	D6	D7
E1	E2	E3	E4	E5	E6	E7
F1	F2	F3	F4	F5	F6	F7
G1	G2	G3	G4	G5	G6	G7
H1	H2	H3	H4	H5	H6	H7

Tip: assemble the baseplates first, then build from Layer 1 upward.

Orientation: A1 is top-left in this diagram.

Layer 1 — Step 1 of 29

Color: Light_Aqua

This step needs:

2×4: 84 2×2: 64 1×2: 575 1×1: 371

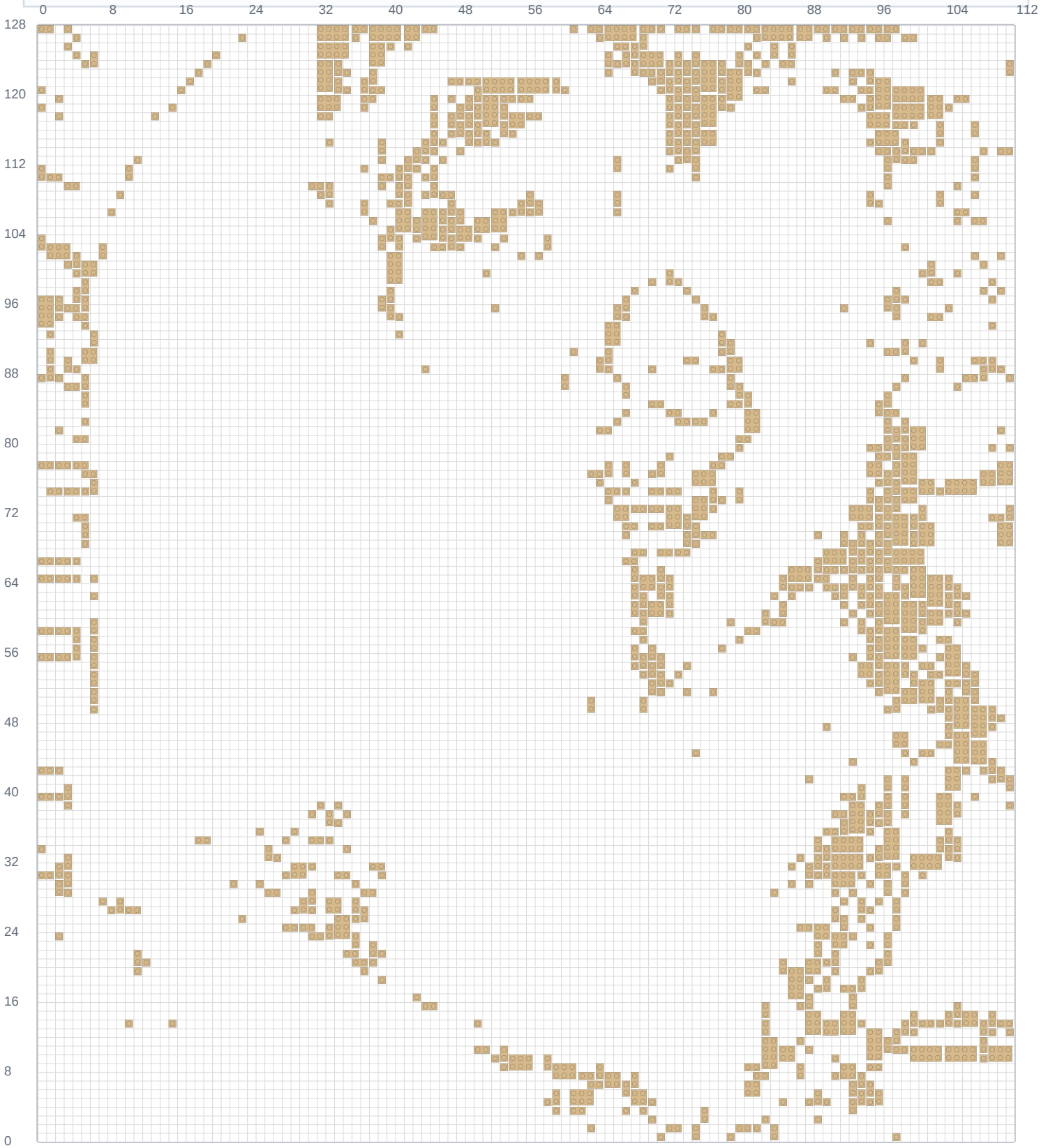


Layer 1 — Step 2 of 29

Color: Tan

This step needs:

2×4: 43 2×2: 66 1×2: 475 1×1: 318



Layer 1 — Step 3 of 29

Color: White

This step needs:

2×4: 59 2×2: 54 1×2: 380 1×1: 207



Layer 1 — Step 4 of 29

Color: Medium_Tan

This step needs:

2×4: 21 2×2: 30 1×2: 263 1×1: 269



Layer 1 — Step 5 of 29

Color: Lavender

This step needs:

2×4: 2 · 2×2: 9 · 1×2: 198 · 1×1: 369

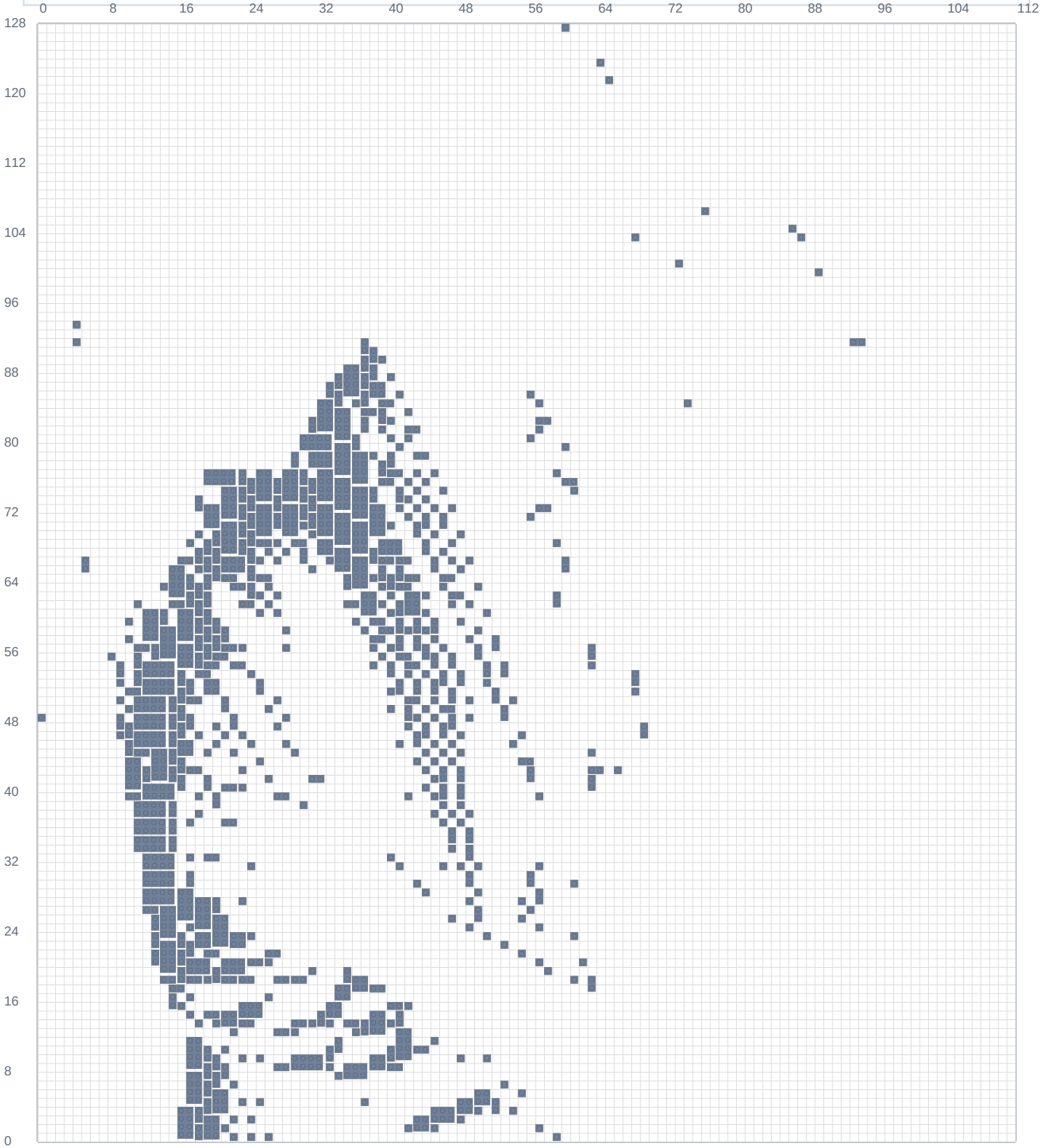


Layer 1 — Step 6 of 29

Color: Sand_Blue

This step needs:

2×4: 49 2×2: 30 1×2: 248 1×1: 248

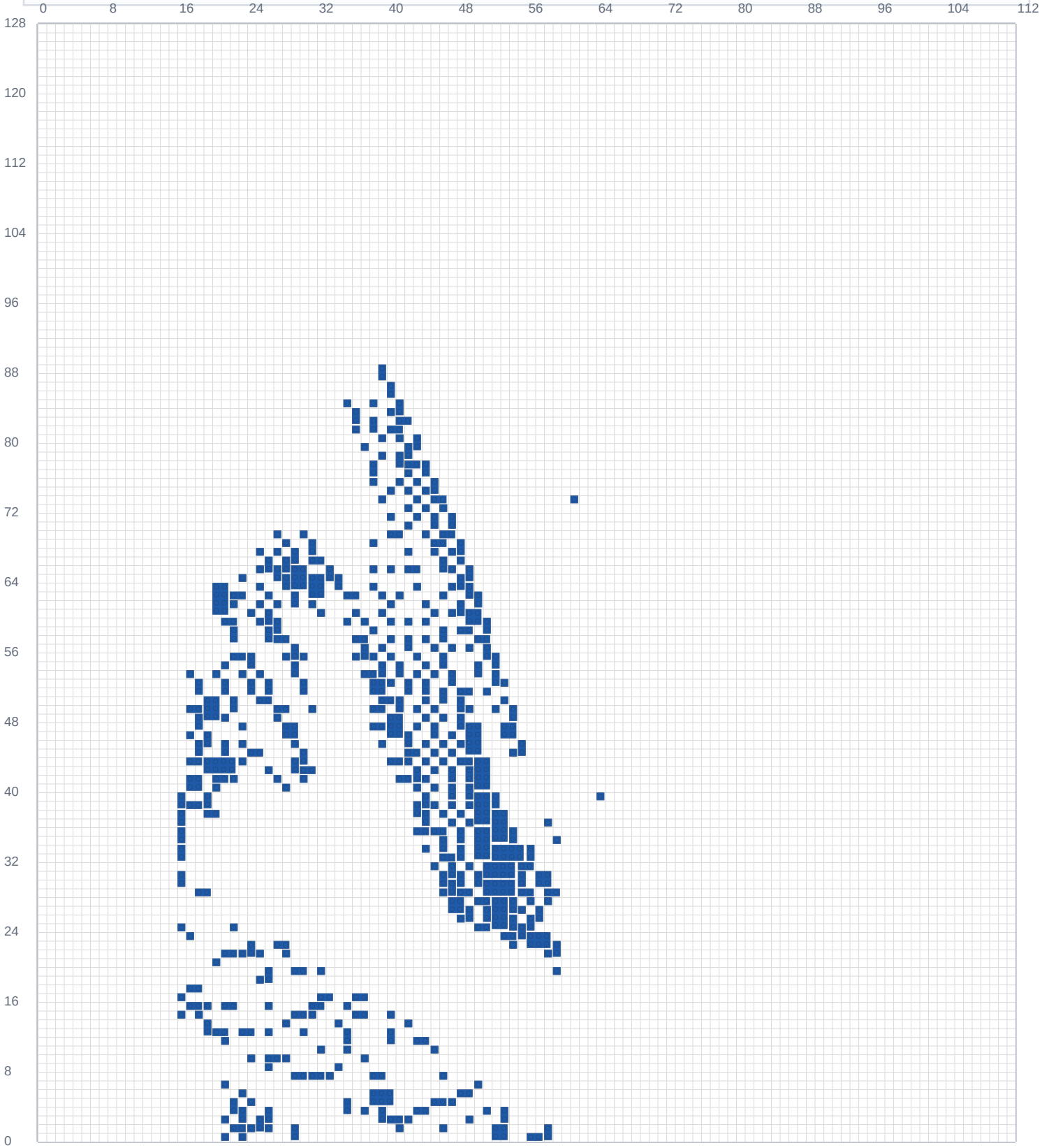


Layer 1 — Step 7 of 29

Color: Blue

This step needs:

2×4: 11 · 2×2: 14 · 1×2: 188 · 1×1: 198

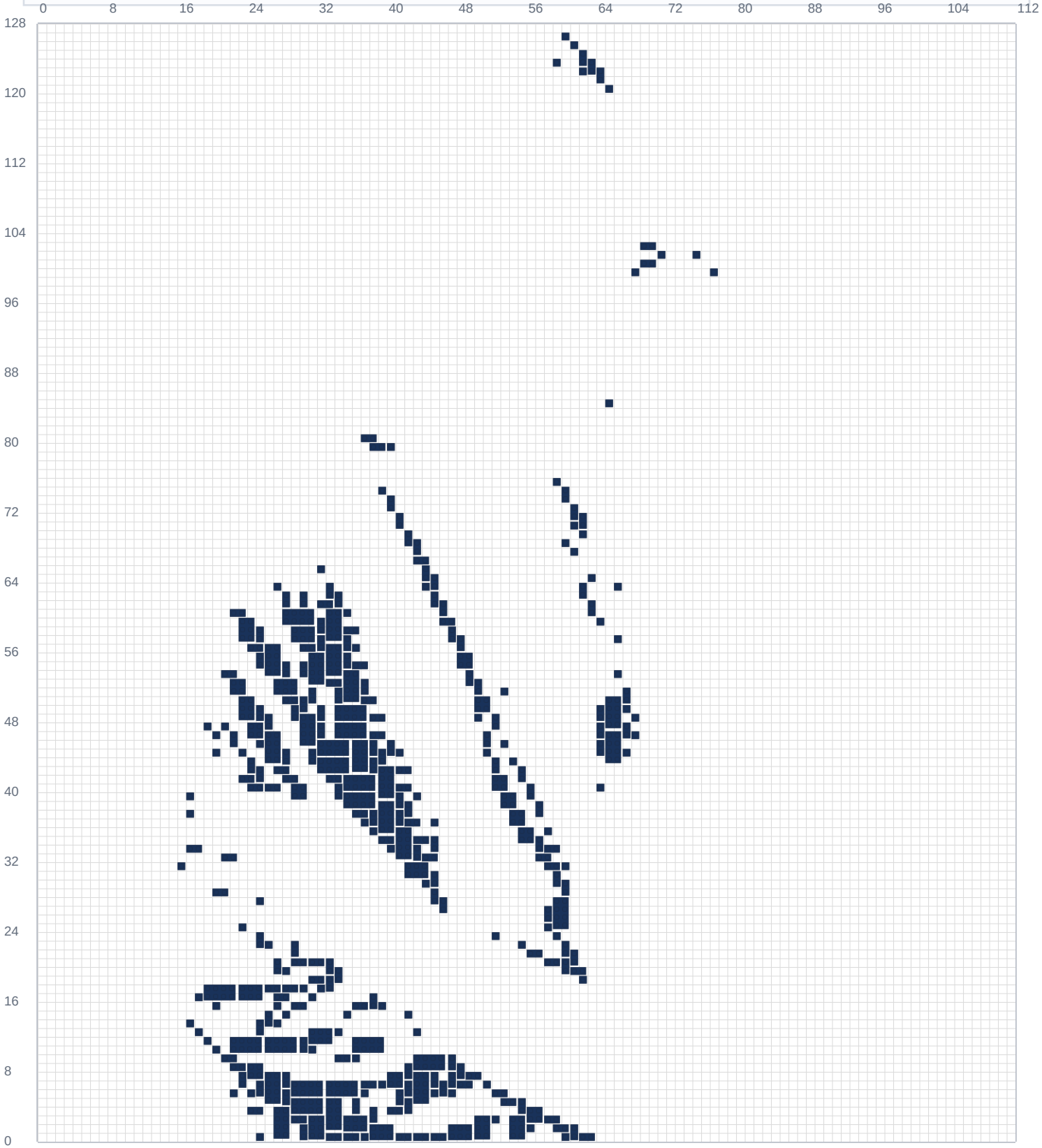


Layer 1 — Step 8 of 29

Color: Dark_Blue

This step needs:

2×4: 33 · 2×2: 25 · 1×2: 173 · 1×1: 95

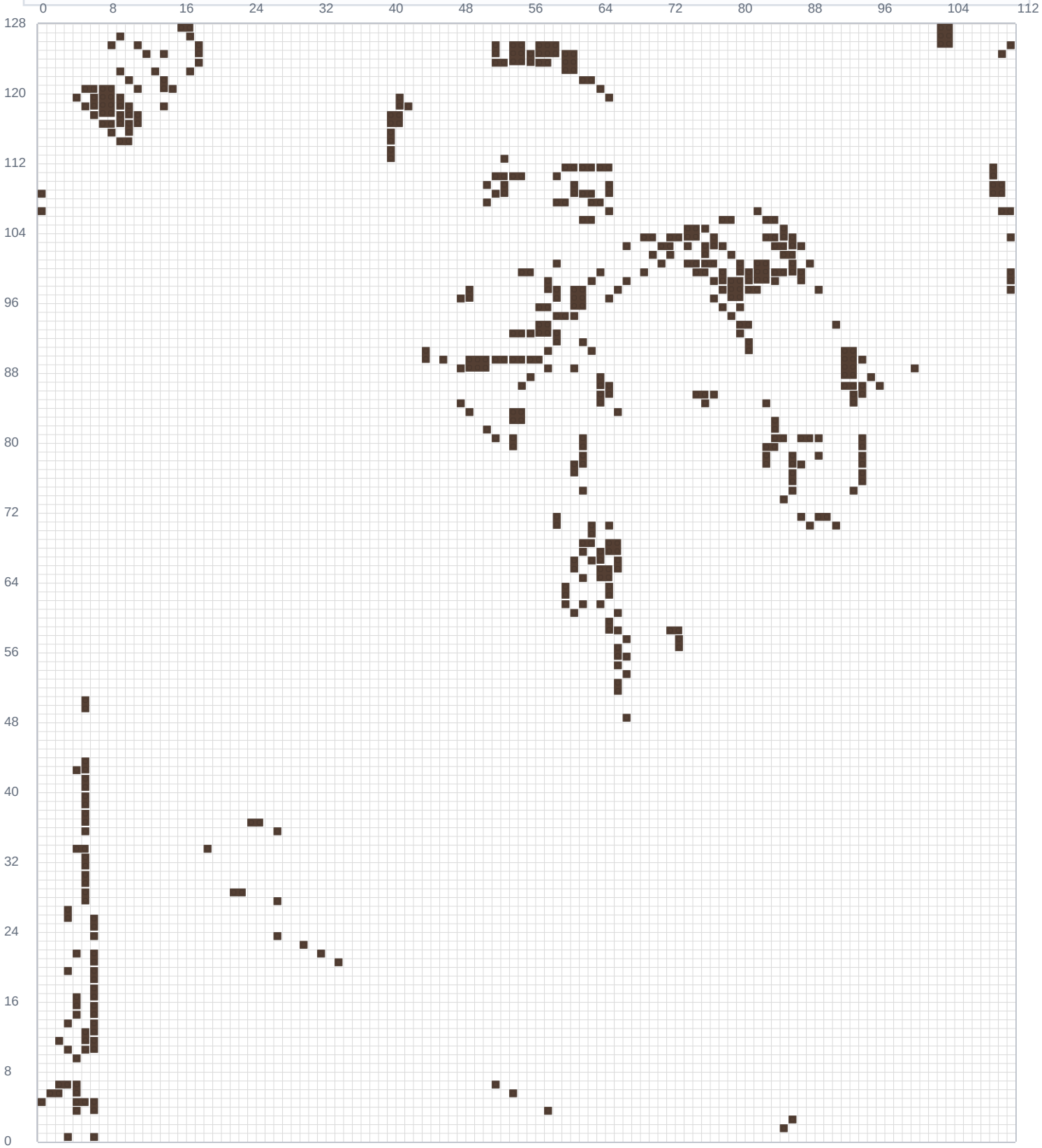


Layer 1 — Step 9 of 29

Color: Umber_Brown

This step needs:

2×4: 2 | 2×2: 15 | 1×2: 132 | 1×1: 137



Layer 1 — Step 10 of 29

Color: Dark_Tan

This step needs:

2×4: 3 2×2: 9 1×2: 114 1×1: 155



Layer 1 — Step 11 of 29

Color: Medium_Brown

This step needs:

2×4: 1 2×2: 7 1×2: 87 1×1: 174

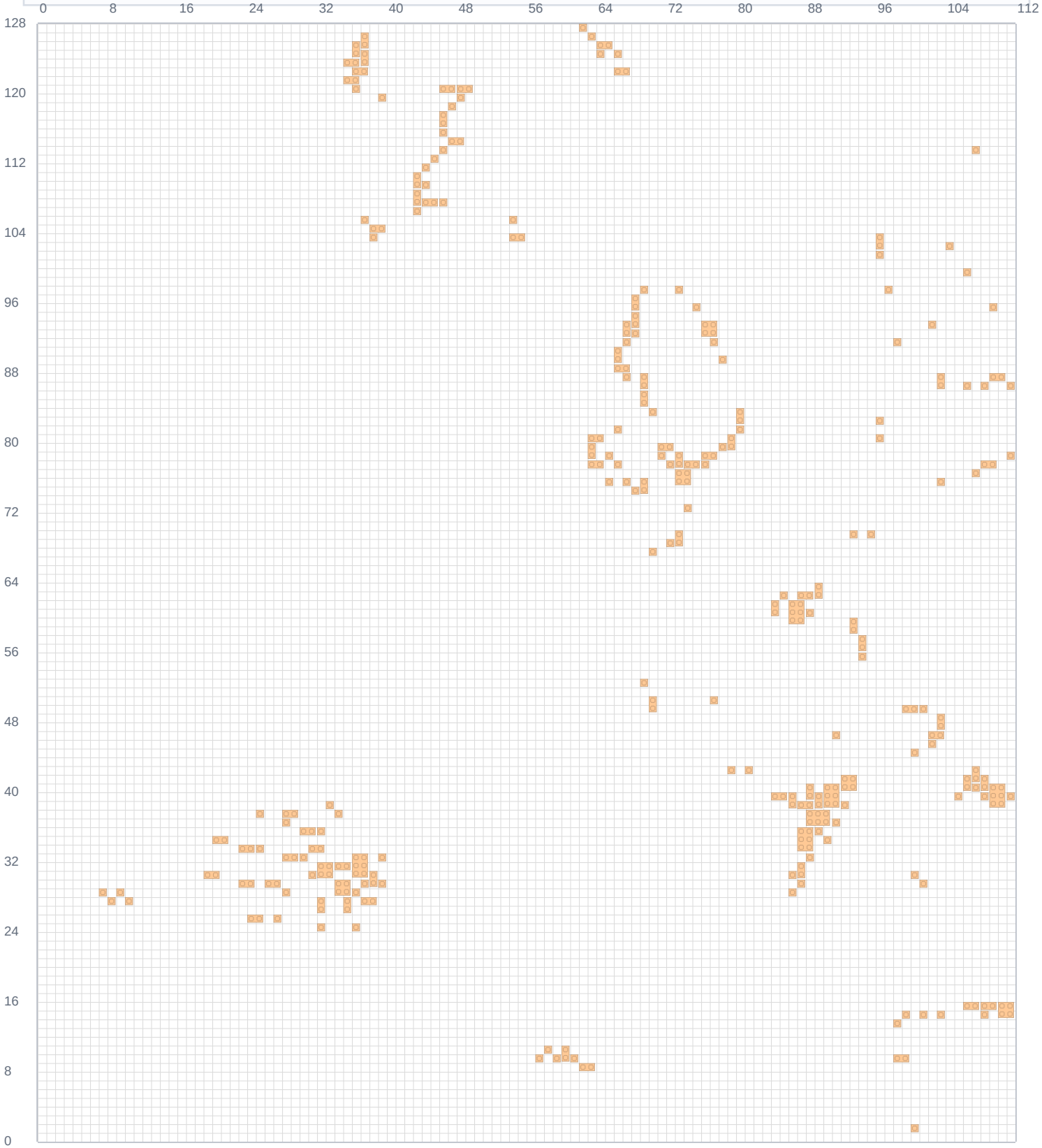


Layer 1 — Step 12 of 29

Color: Light_Nougat

This step needs:

2×2: 12 1×2: 77 1×1: 114



Layer 1 — Step 13 of 29

Color: Dark_Brown

This step needs:

2×4: 19 2×2: 10 1×2: 108 1×1: 52

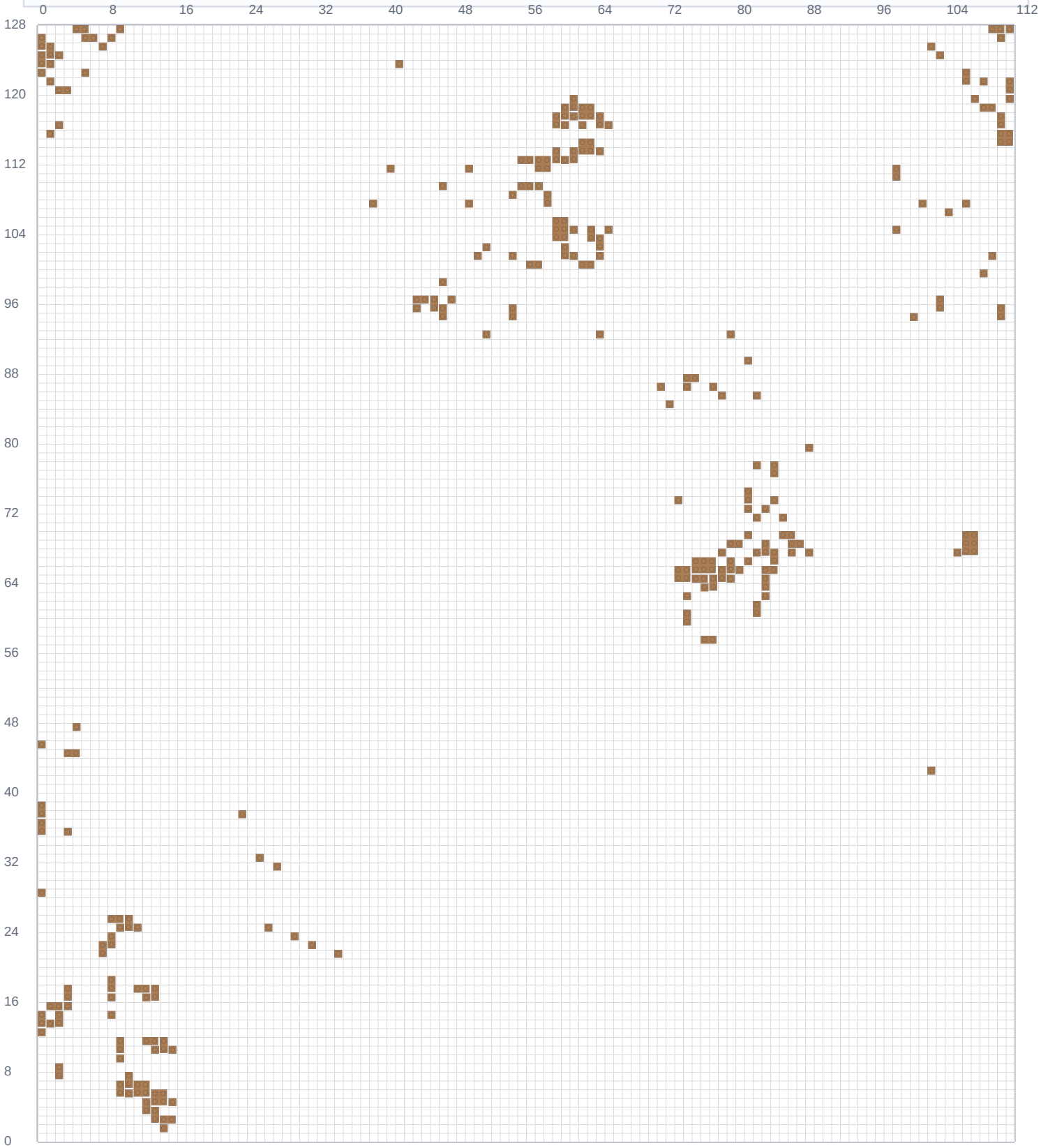


Layer 1 — Step 14 of 29

Color: Medium_Nougat

This step needs:

2×2: 10 1×2: 72 1×1: 104

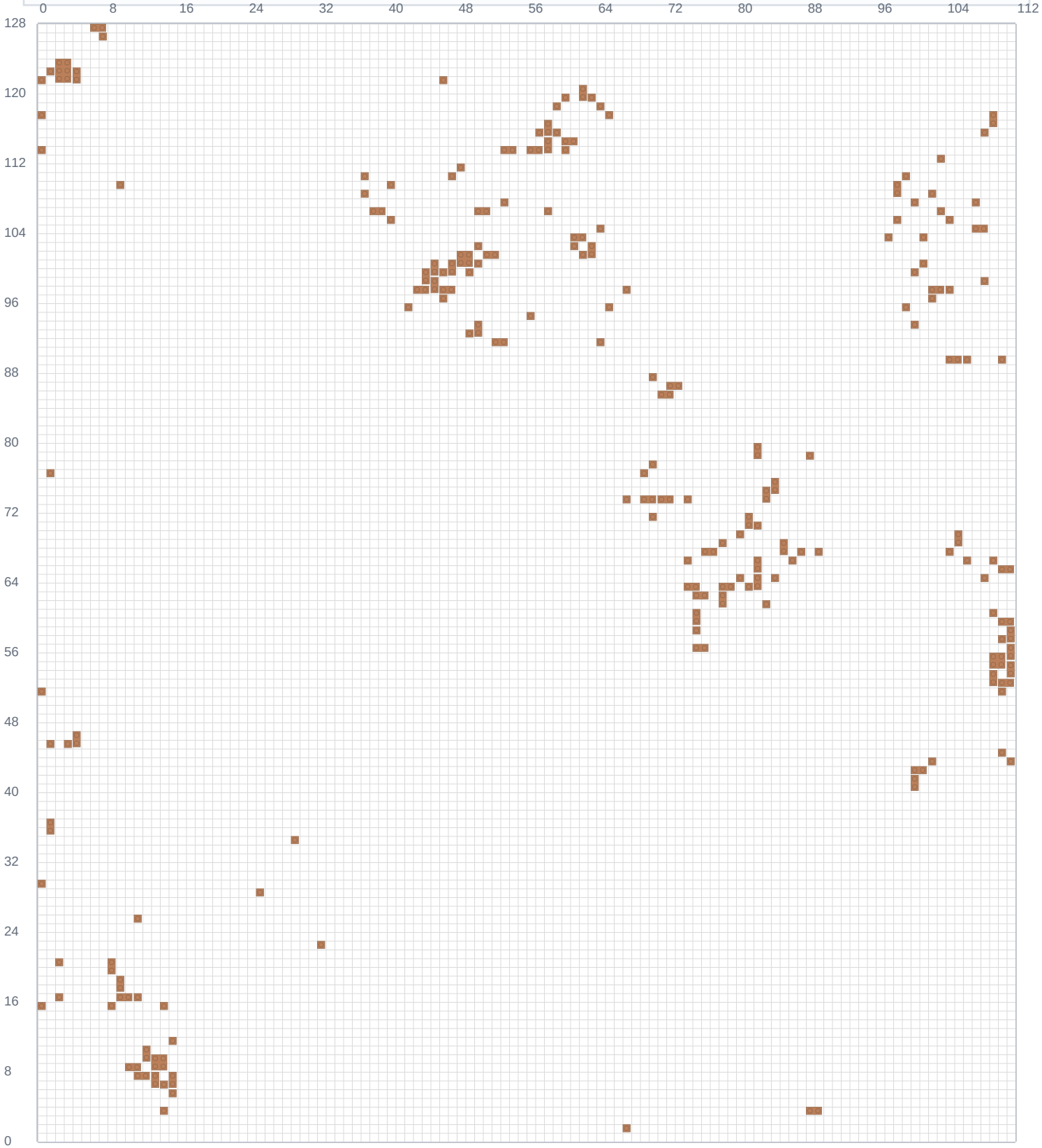


Layer 1 — Step 15 of 29

Color: Nougat

This step needs:

2×2: 4 1×2: 65 1×1: 106

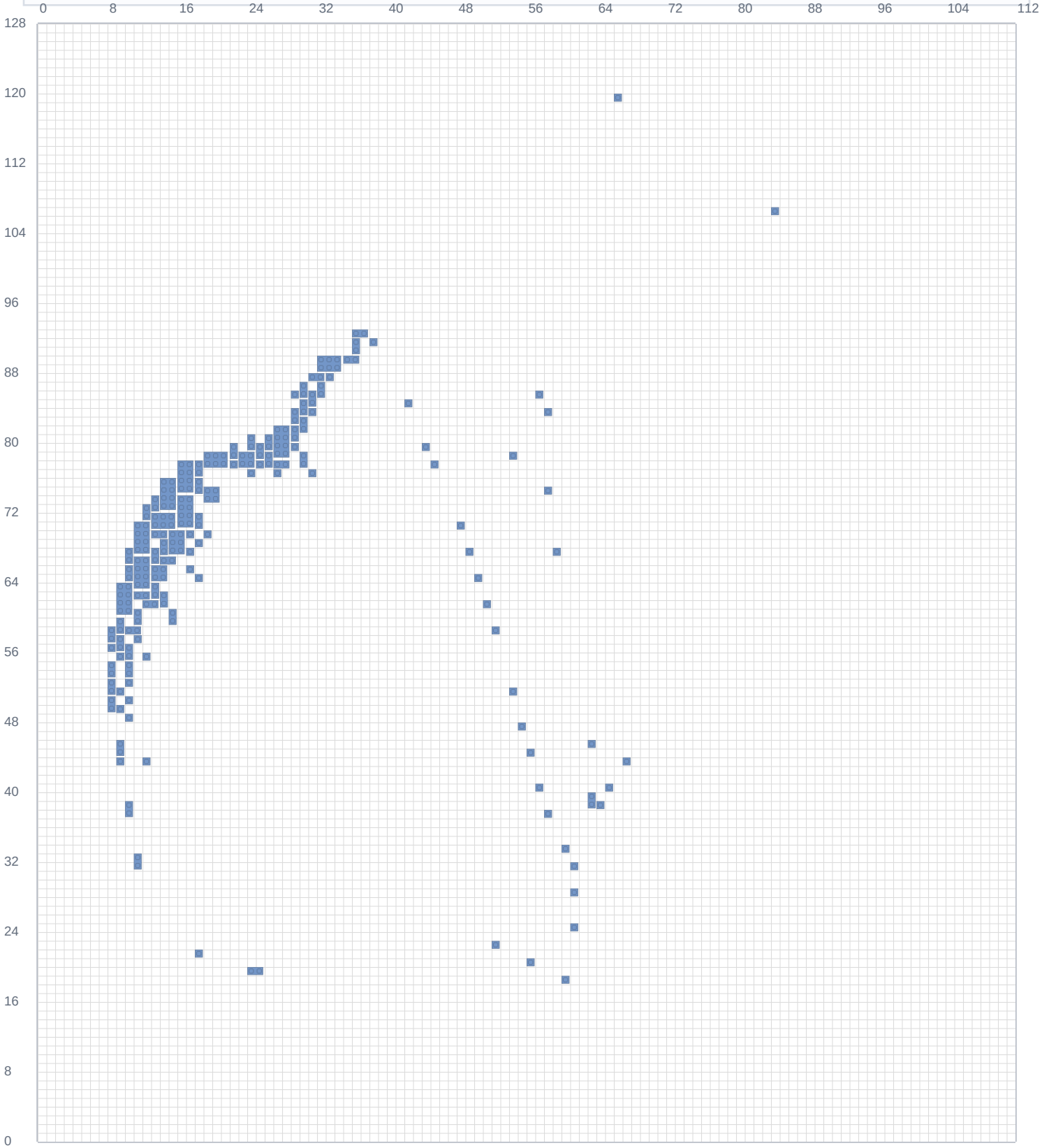


Layer 1 — Step 16 of 29

Color: Medium_Blue

This step needs:

2×4: 7 · 2×2: 7 · 1×2: 49 · 1×1: 59

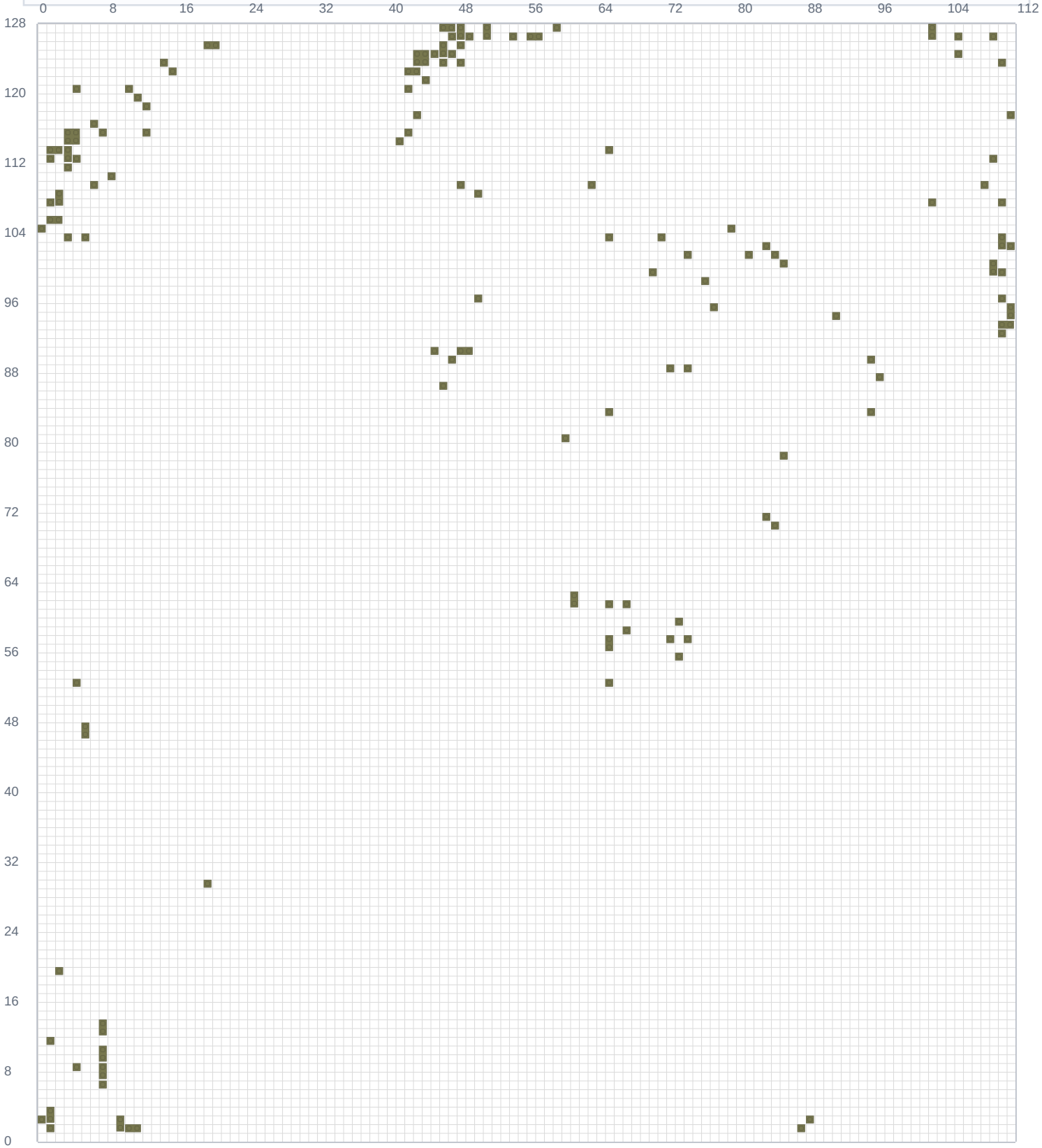


Layer 1 — Step 17 of 29

Color: Olive_Green

This step needs:

2×2: 2 1×2: 26 1×1: 93



Layer 1 — Step 18 of 29

Color: Sand_Green

This step needs:

1×2: 22 1×1: 66

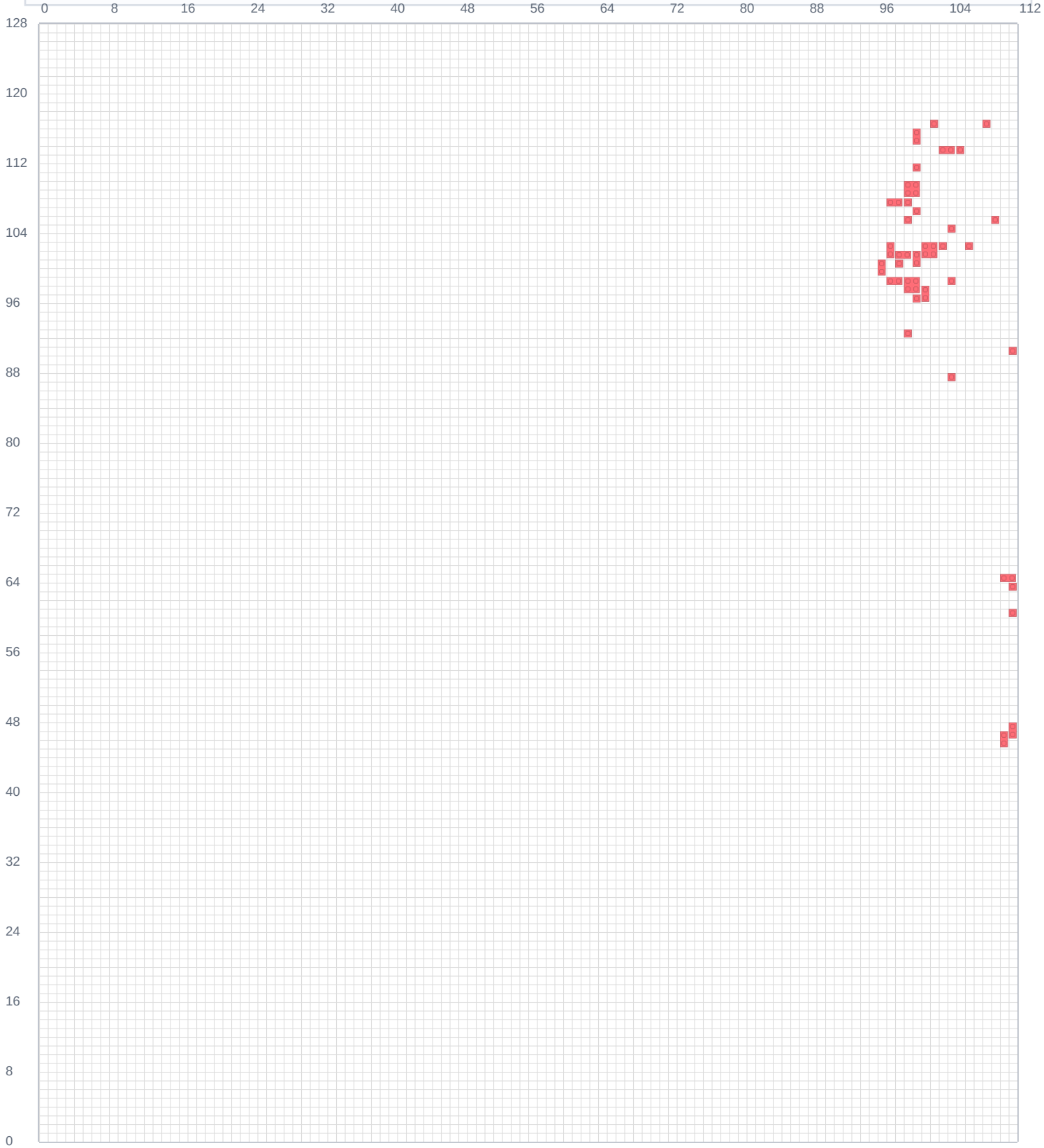


Layer 1 — Step 19 of 29

Color: Coral

This step needs:

2×2: 3 1×2: 12 1×1: 19

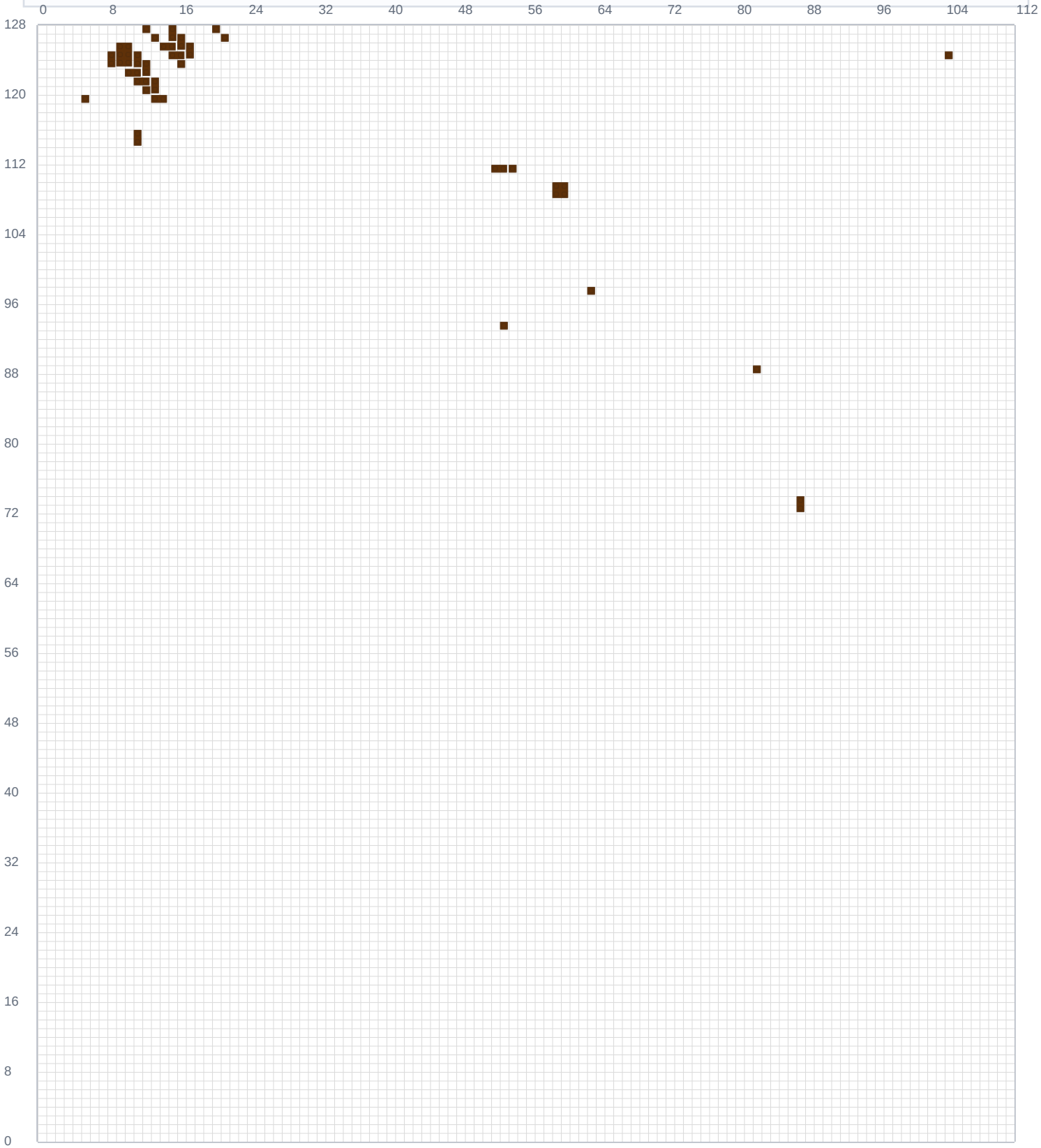


Layer 1 — Step 20 of 29

Color: Reddish_Brown

This step needs:

2×2: 2 1×2: 15 1×1: 12

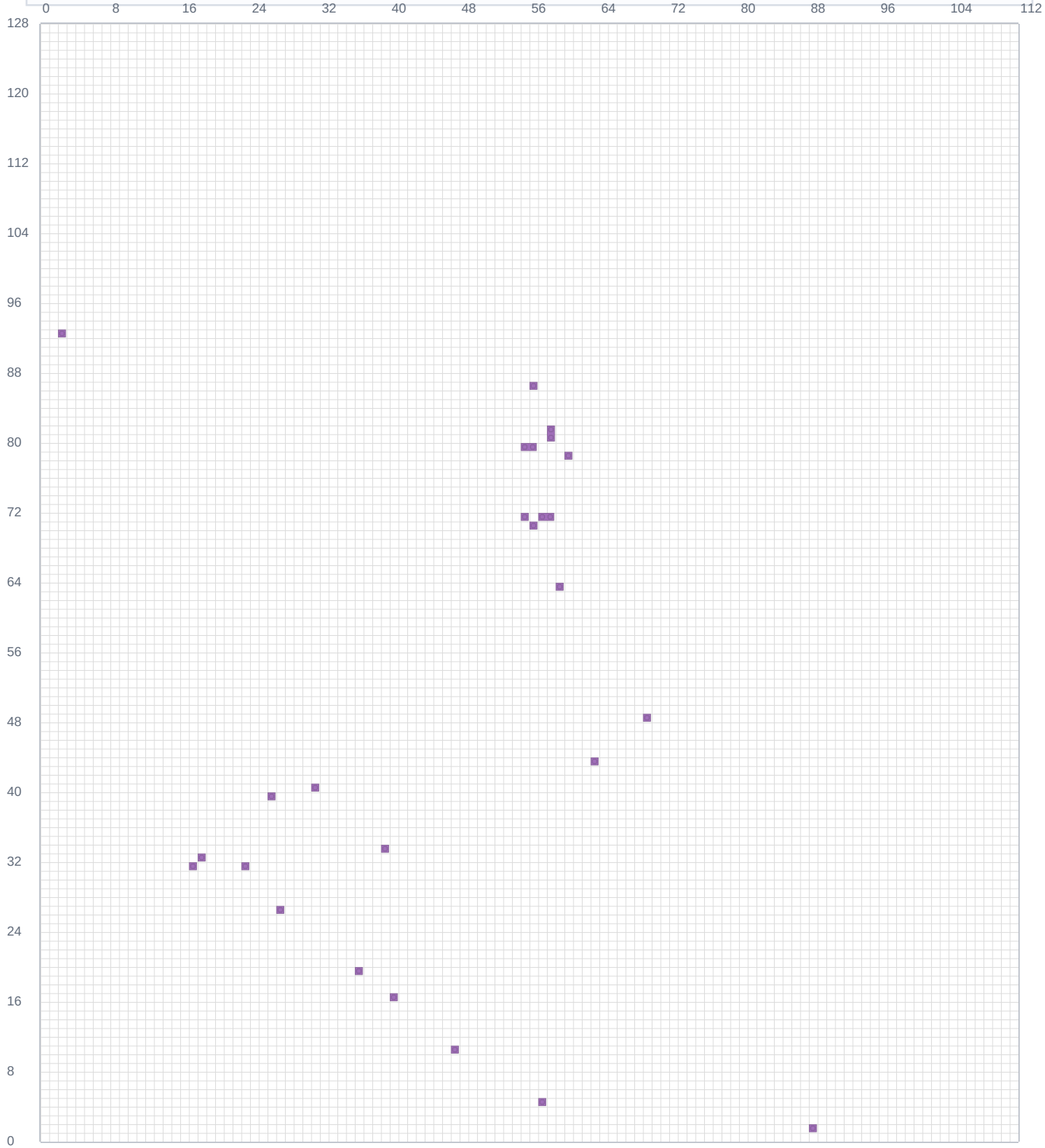


Layer 1 — Step 21 of 29

Color: Medium_Lavender

This step needs:

1×2: 3 1×1: 20

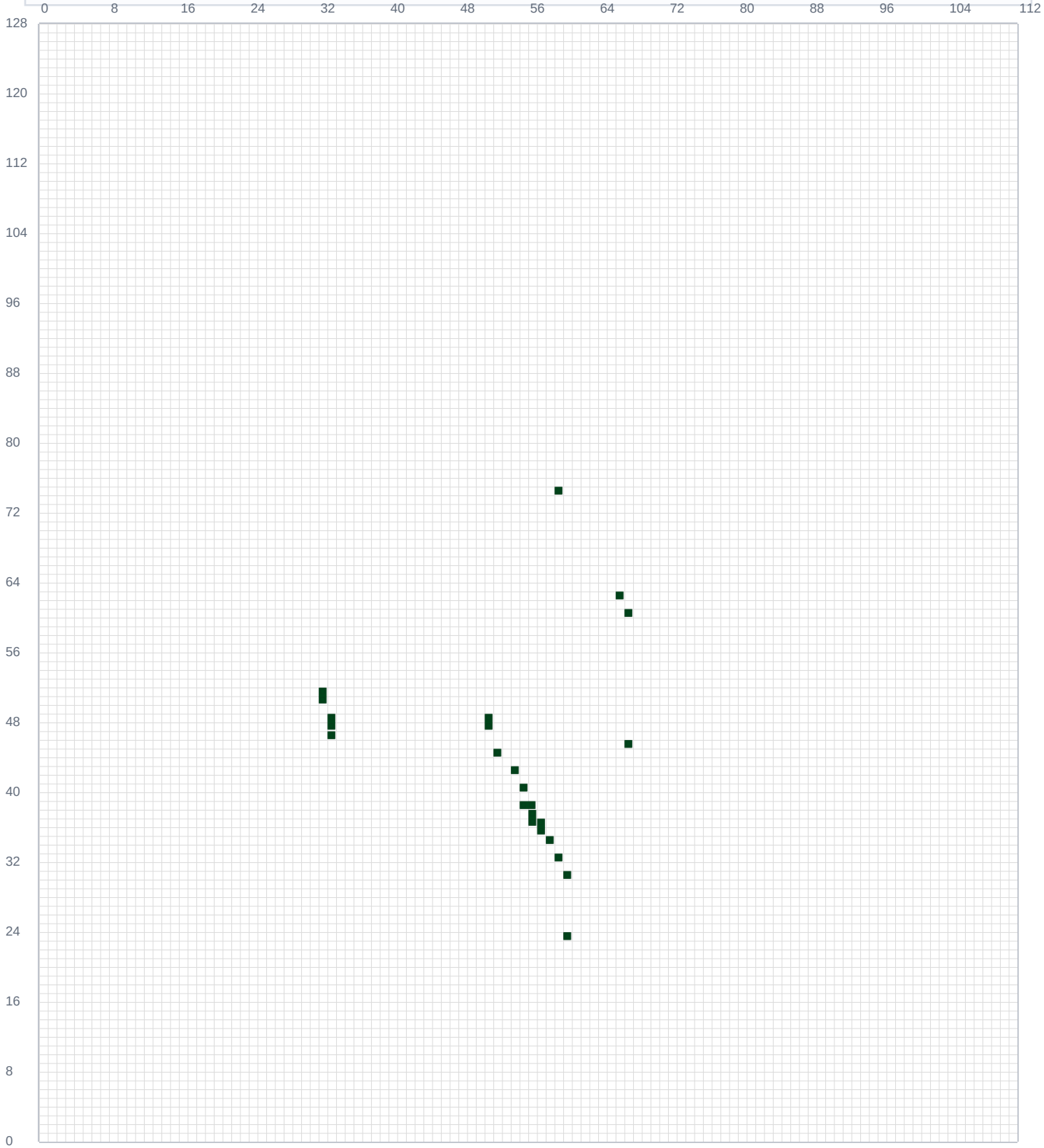


Layer 1 — Step 22 of 29

Color: Dark_Green

This step needs:

1×2: 6 1×1: 12



Layer 1 — Step 23 of 29

Color: Reddish_Orange

This step needs:

2×2: 1 1×2: 6 1×1: 8

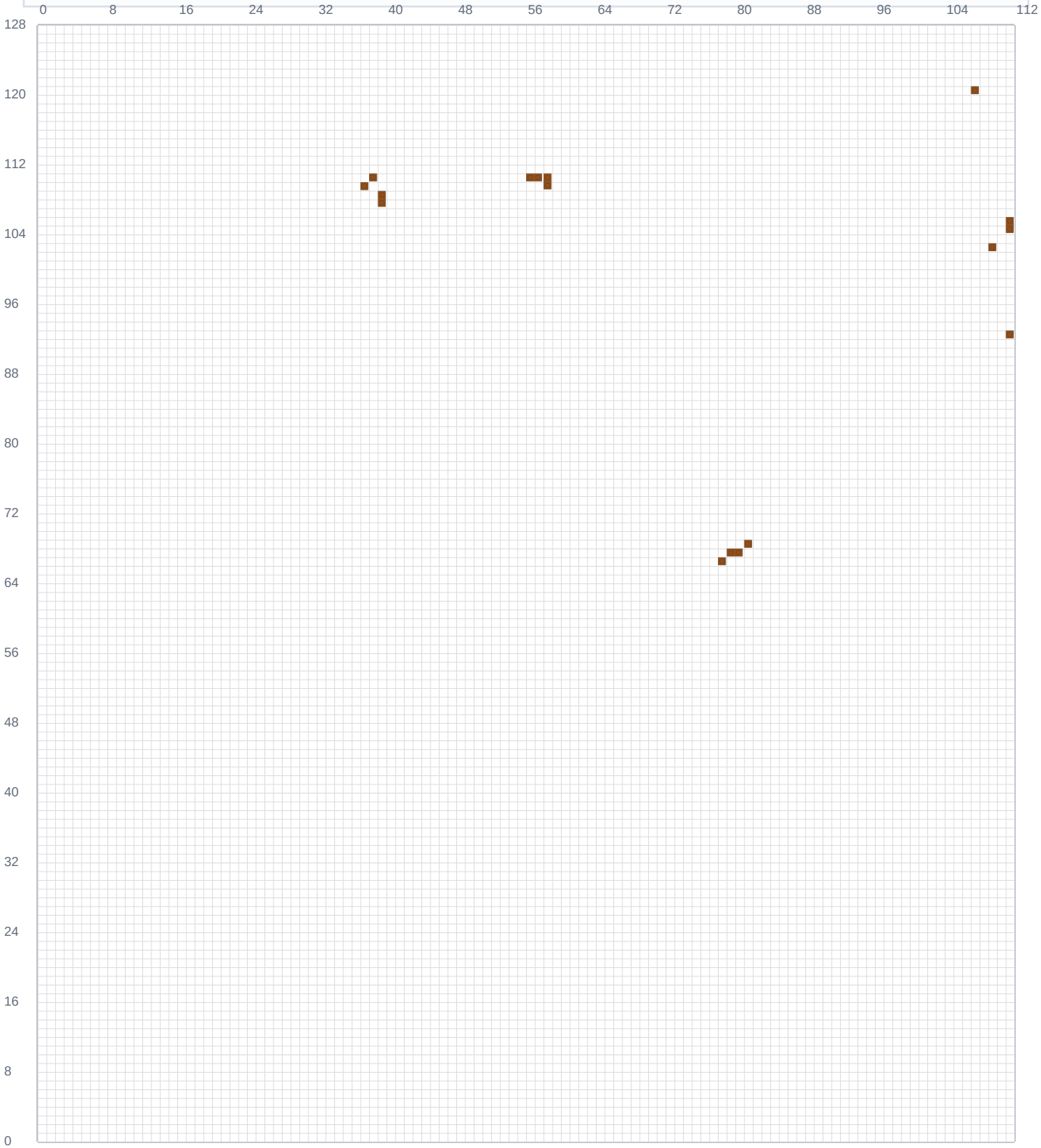


Layer 1 — Step 24 of 29

Color: Dark_Orange

This step needs:

1×2: 5 1×1: 7

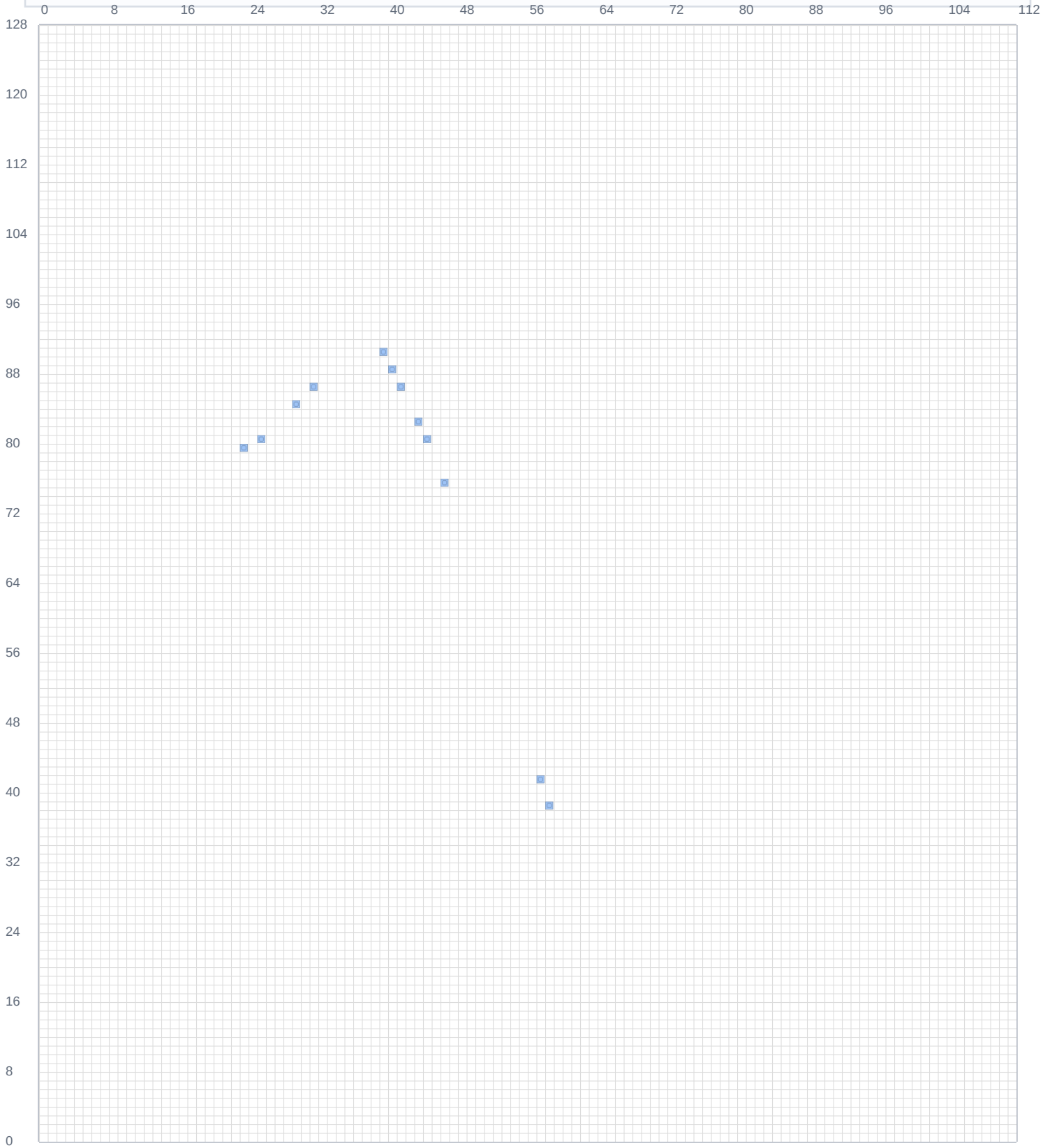


Layer 1 — Step 25 of 29

Color: Bright_Light_Blue

This step needs:

- 1×1: 12

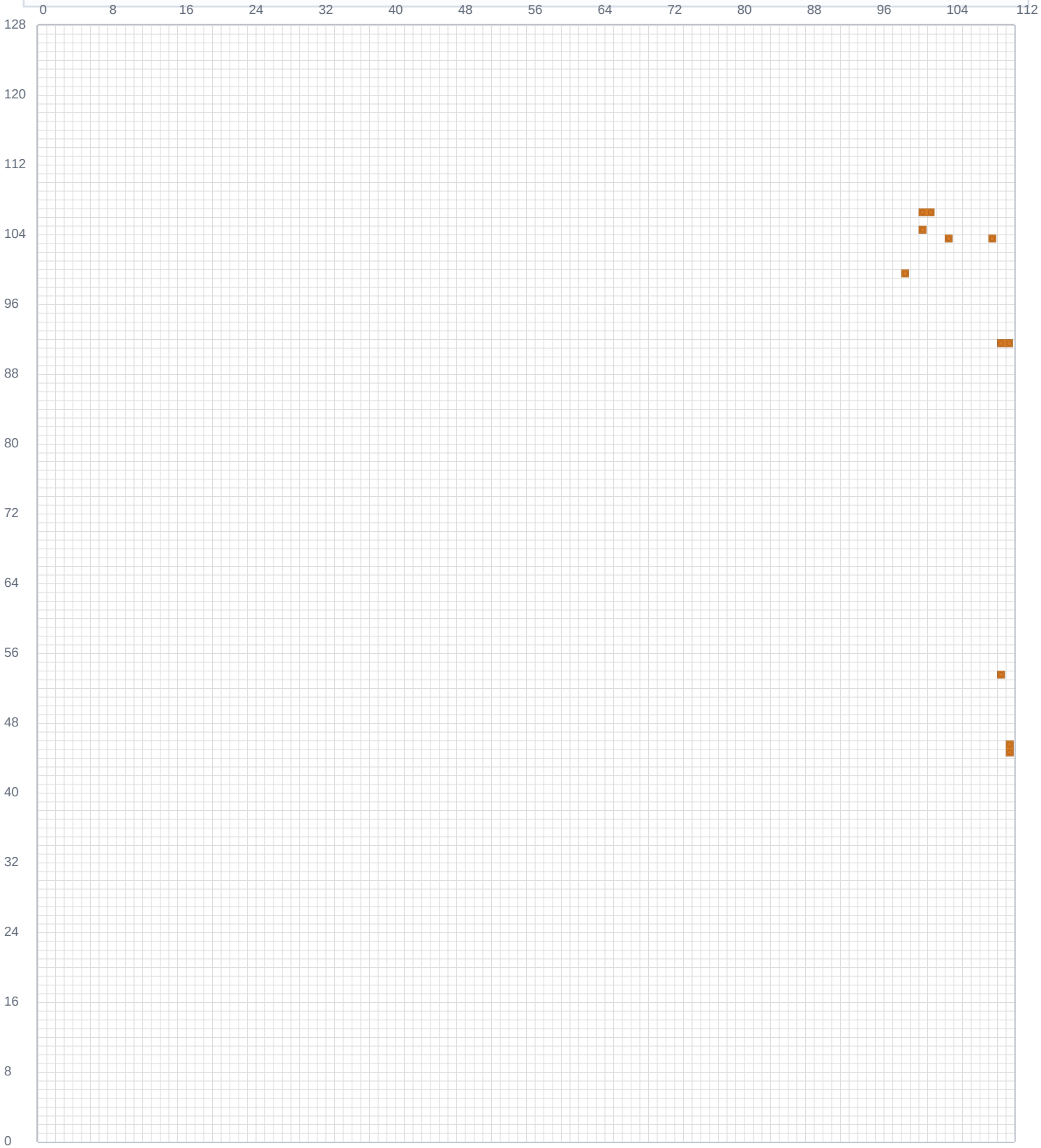


Layer 1 — Step 26 of 29

Color: Orange

This step needs:

1×2: 3 1×1: 5

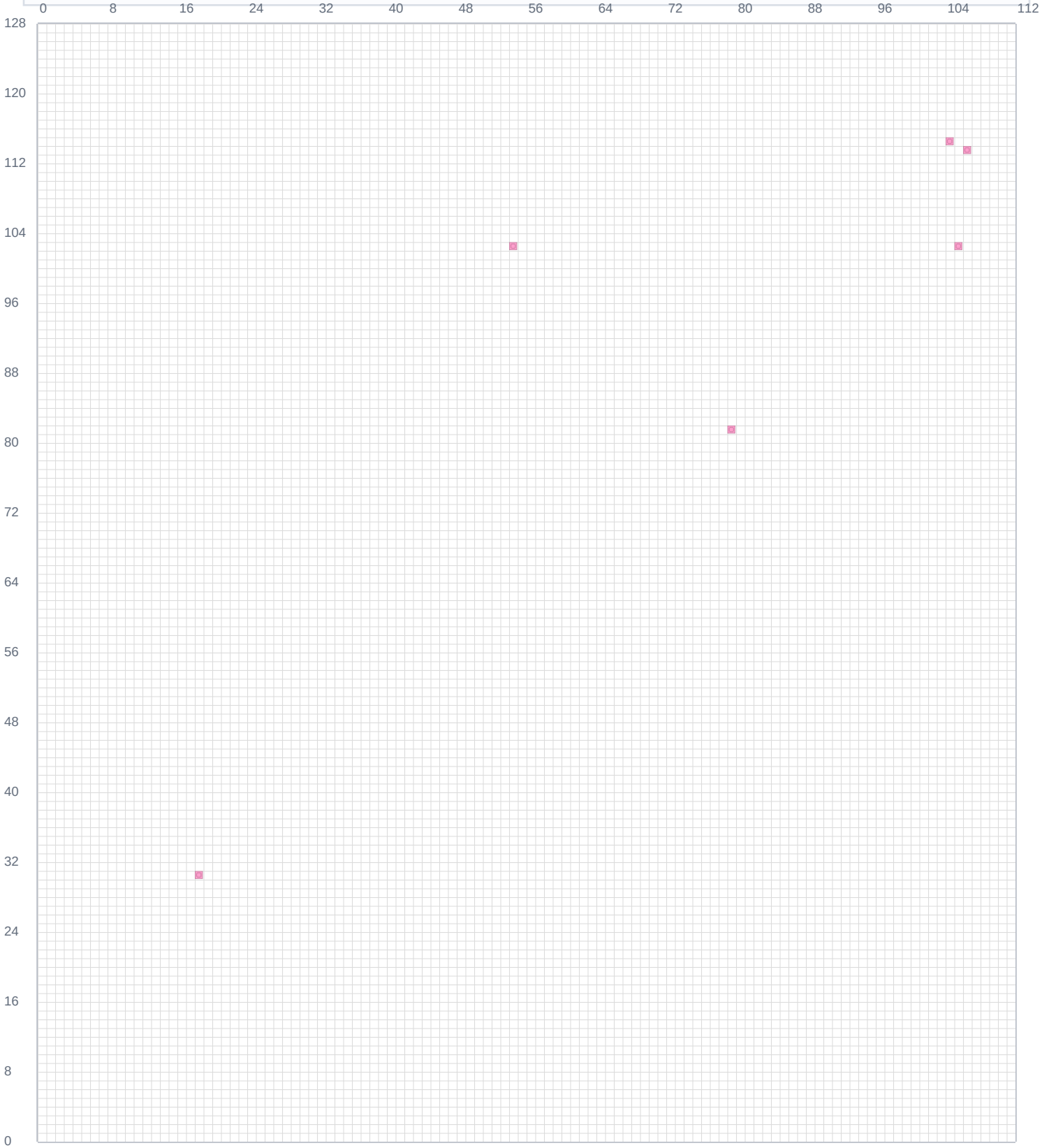


Layer 1 — Step 27 of 29

Color: Bright_Pink

This step needs:

- 1×1: 6

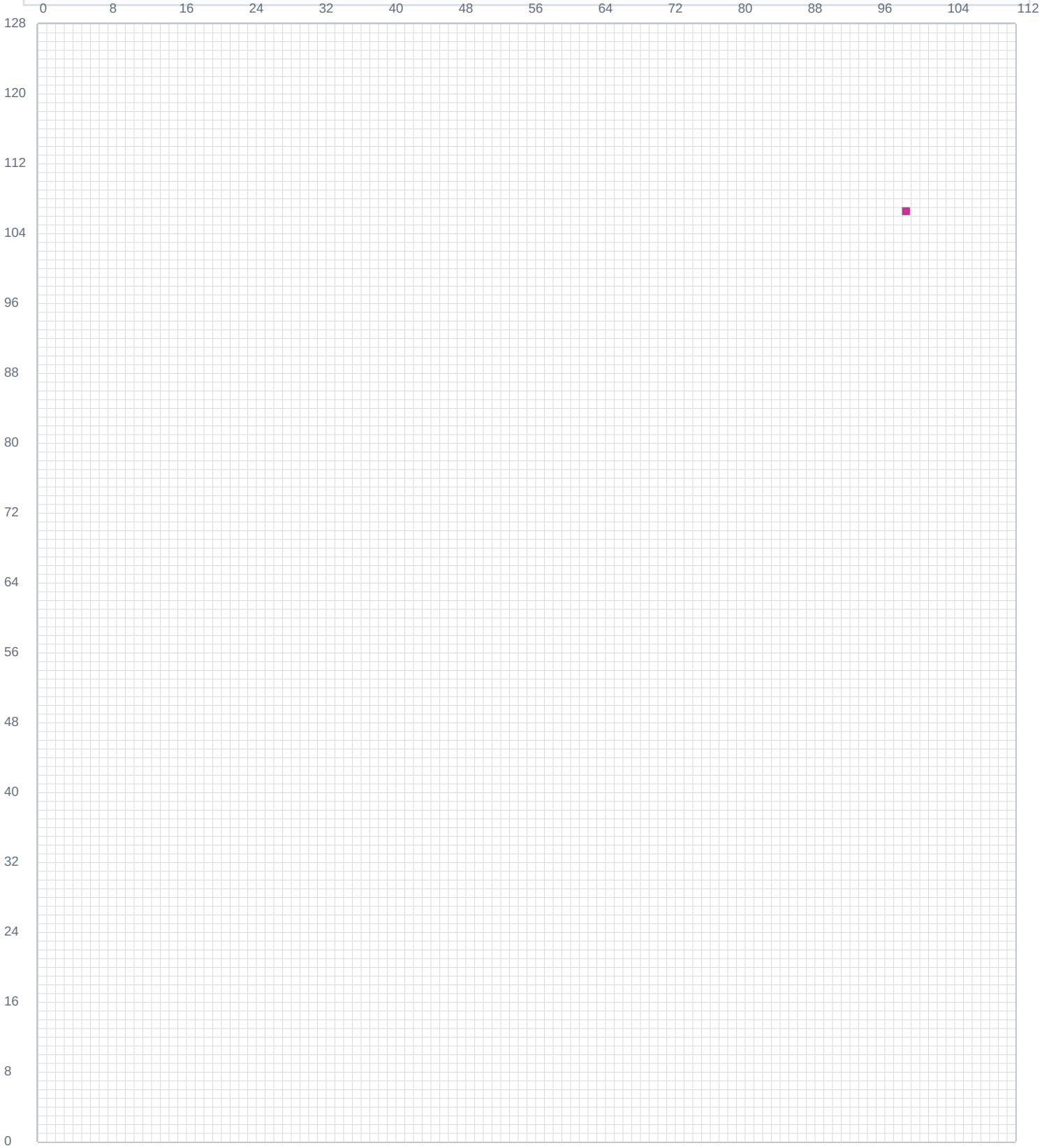


Layer 1 — Step 28 of 29

Color: Dark_Pink

This step needs:

- 1×1: 1

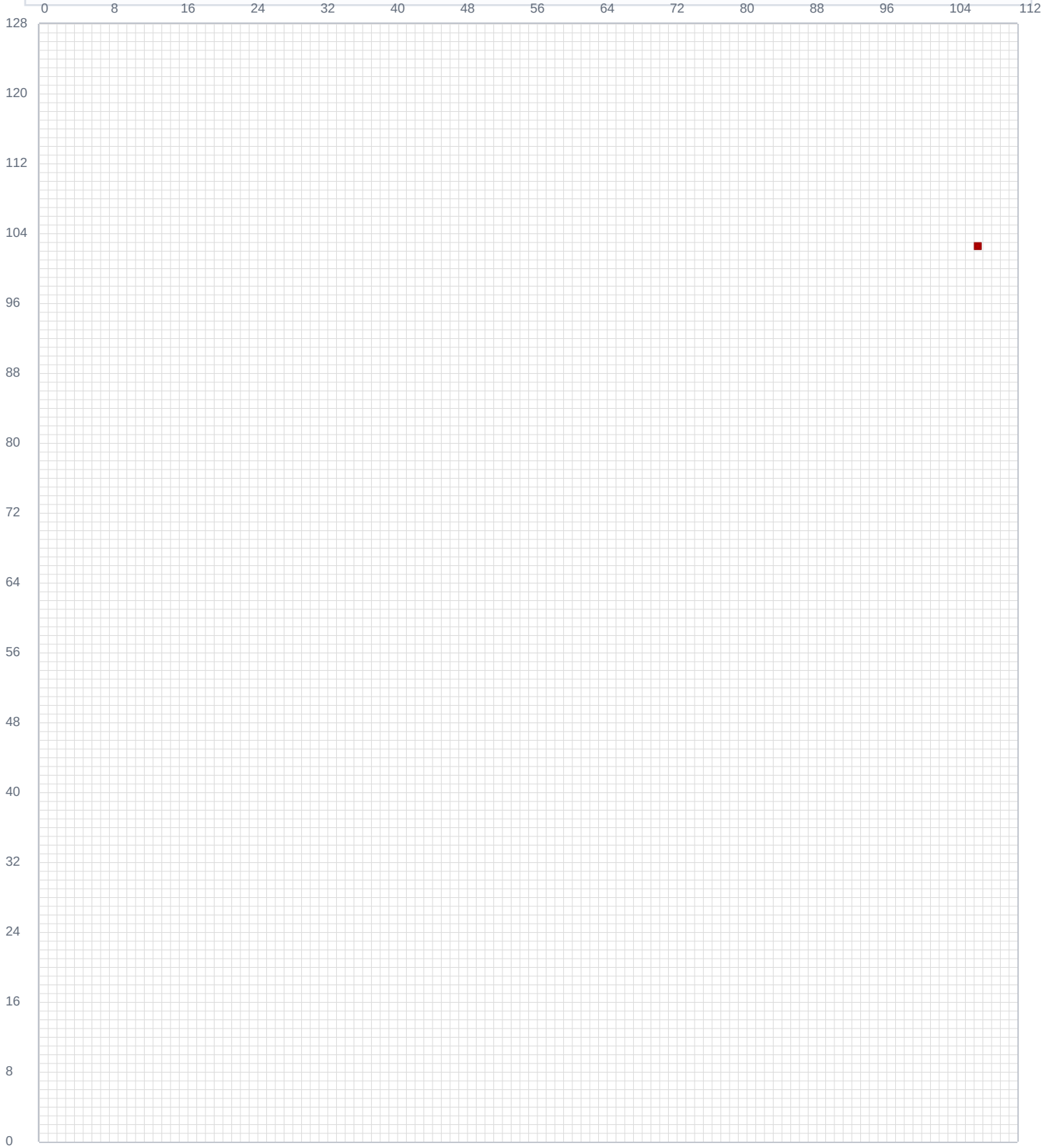


Layer 1 — Step 29 of 29

Color: Red

This step needs:

- 1×1: 1

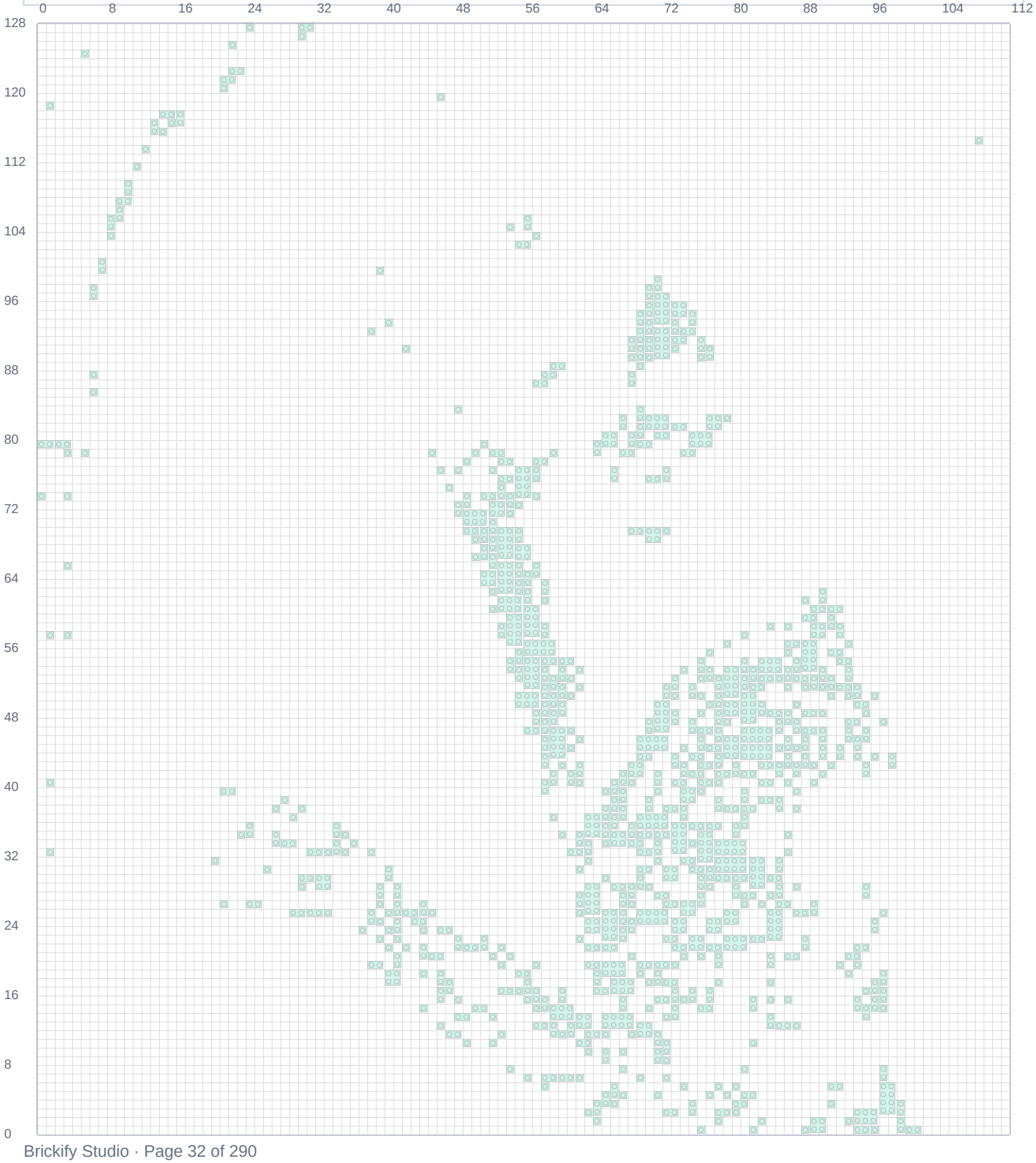


Layer 2 — Step 1 of 25

Color: Light_Aqua

This step needs:

2×4: 29 2×2: 37 1×2: 331 1×1: 222

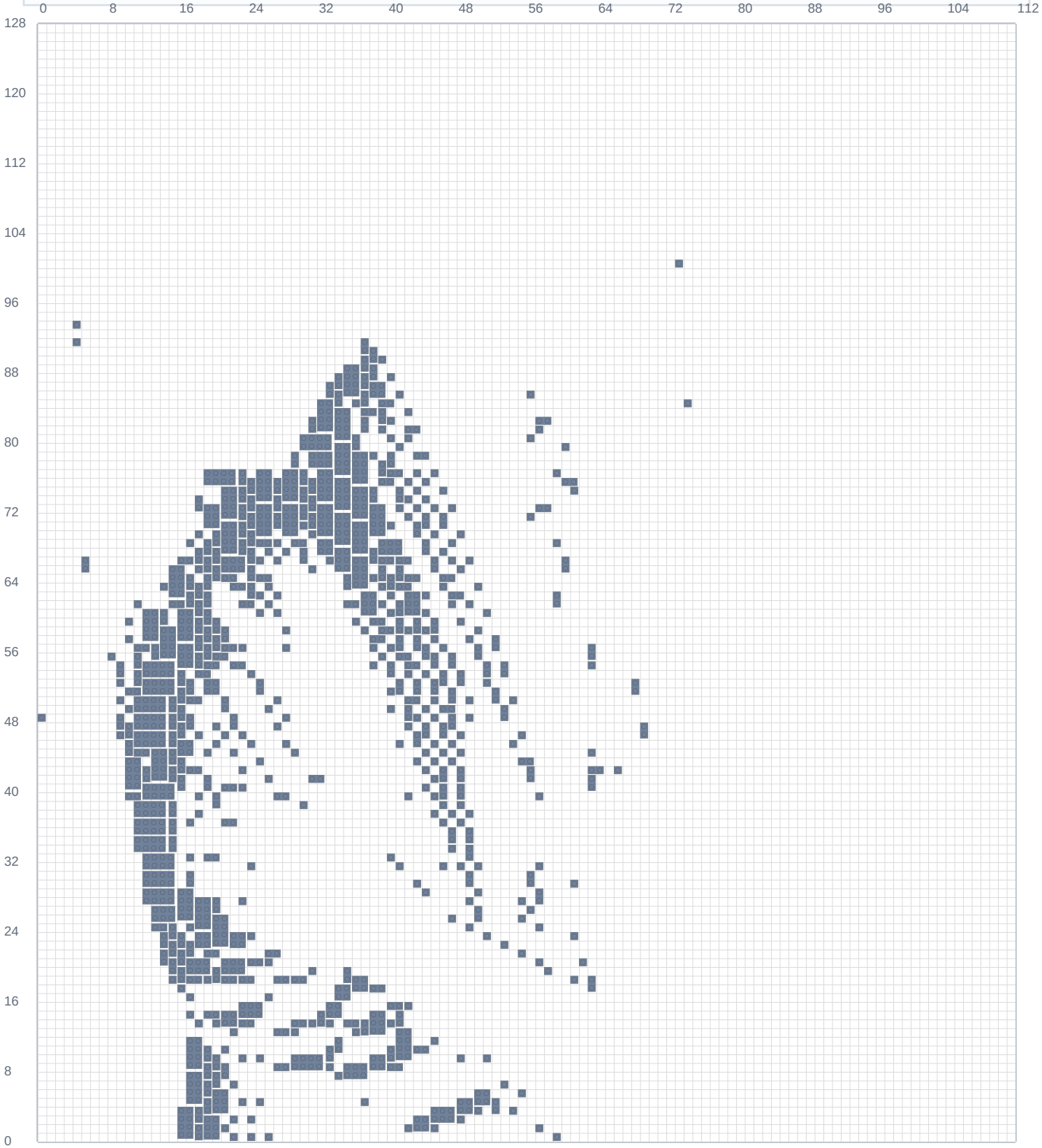


Layer 2 — Step 2 of 25

Color: Sand_Blue

This step needs:

2×4: 47 2×2: 31 1×2: 246 1×1: 239



Layer 2 — Step 3 of 25

Color: Tan

This step needs:

2×4: 15 2×2: 34 1×2: 248 1×1: 209

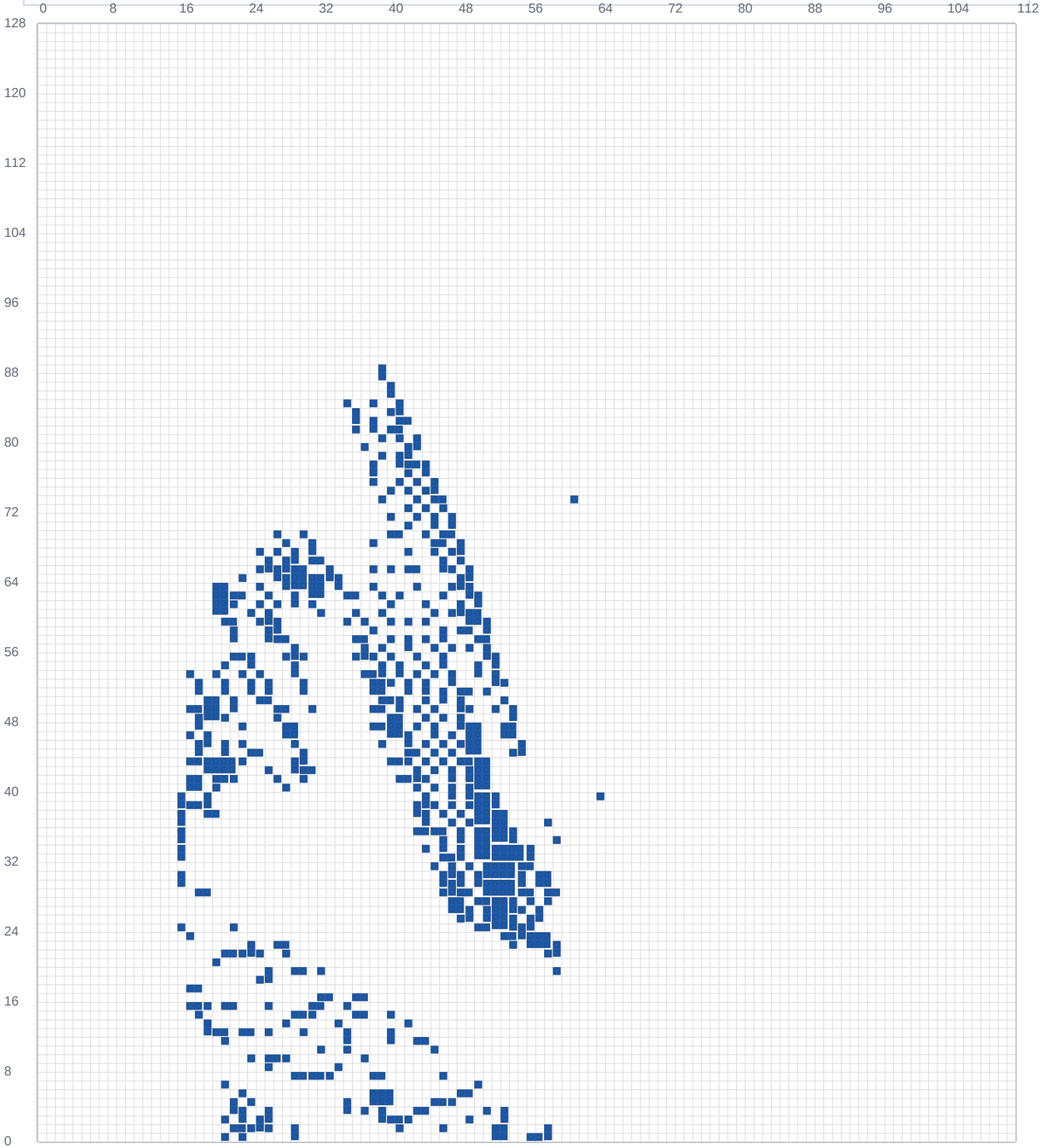


Layer 2 — Step 4 of 25

Color: Blue

This step needs:

2×4: 11 · 2×2: 14 · 1×2: 188 · 1×1: 196

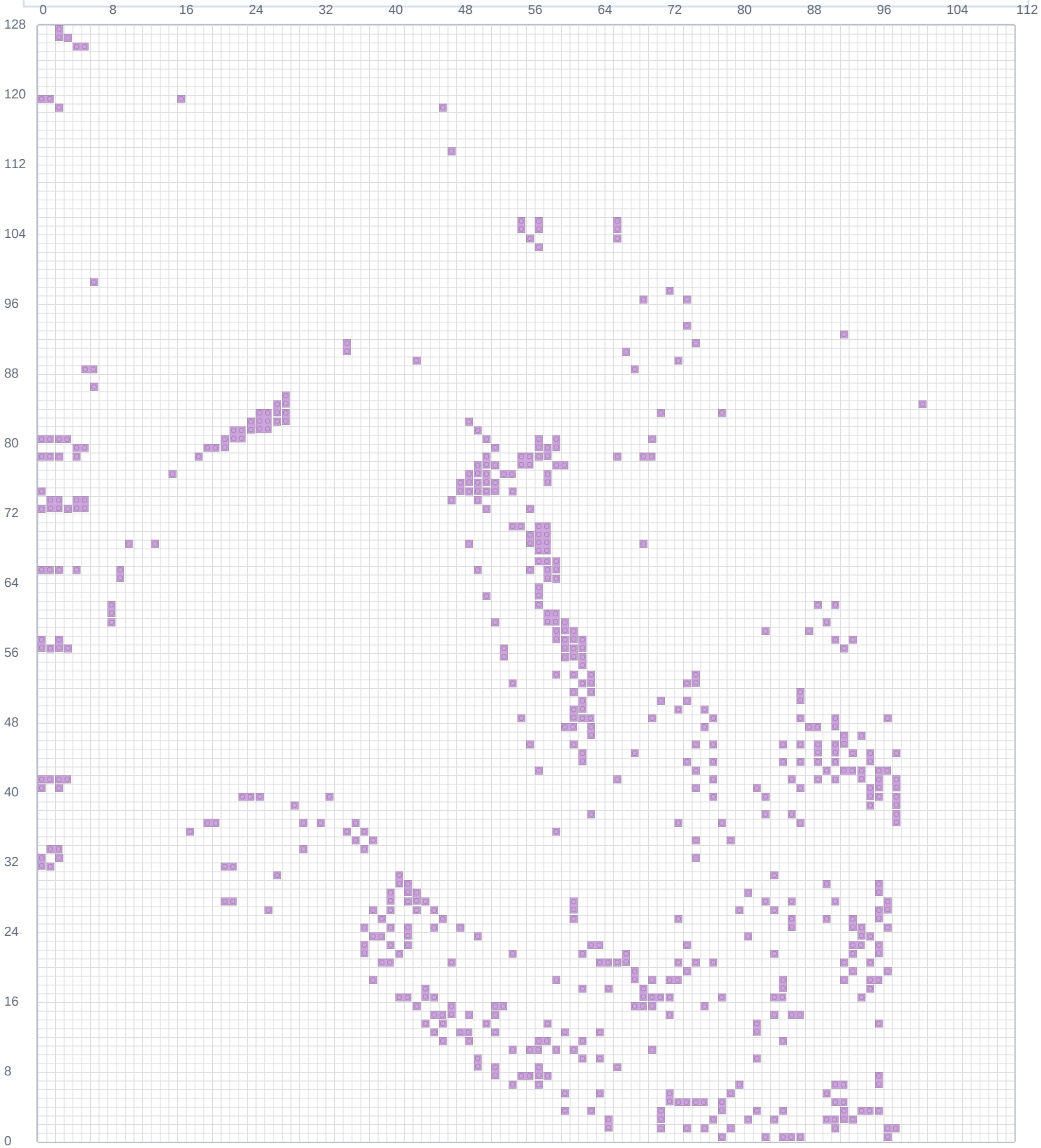


Layer 2 — Step 5 of 25

Color: Lavender

This step needs:

2×4: 1 · 2×2: 6 · 1×2: 138 · 1×1: 257



Layer 2 — Step 6 of 25

Color: White

This step needs:

2×4: 17 2×2: 41 1×2: 193 1×1: 146



Layer 2 — Step 7 of 25

Color: Medium_Tan

This step needs:

2×4: 8 2×2: 15 1×2: 147 1×1: 191

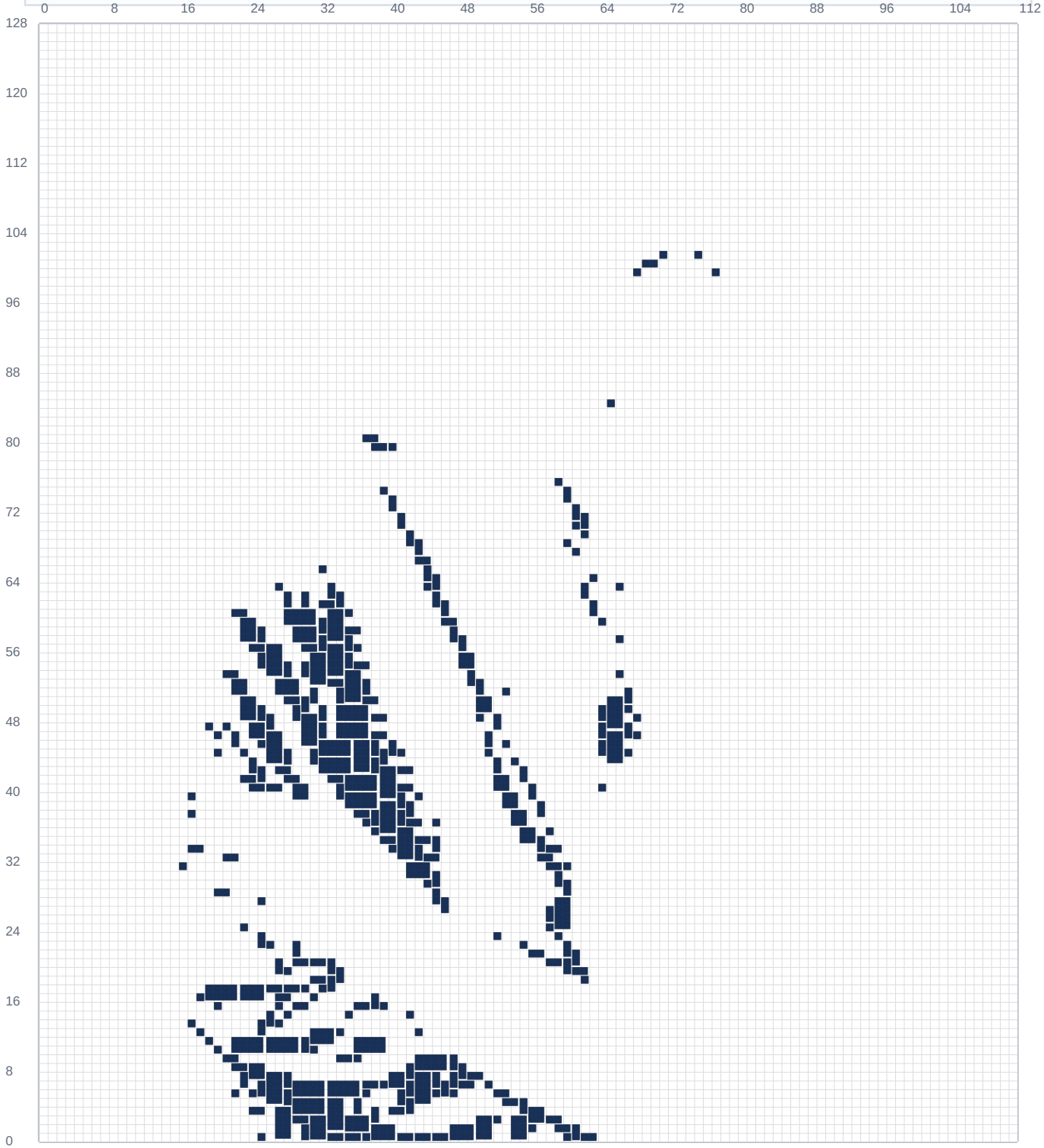


Layer 2 — Step 8 of 25

Color: Dark_Blue

This step needs:

2×4: 33 · 2×2: 25 · 1×2: 169 · 1×1: 90

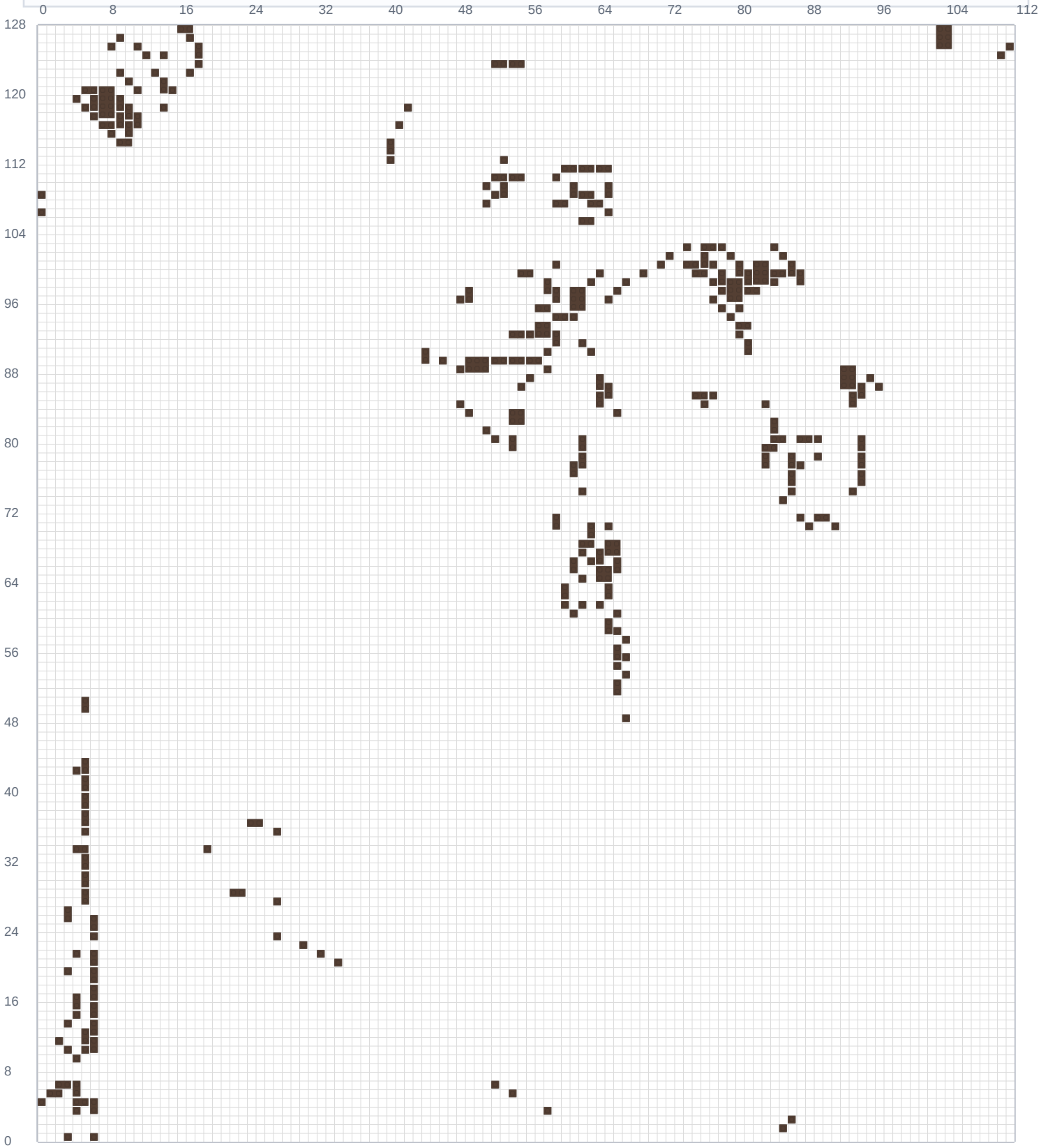


Layer 2 — Step 9 of 25

Color: Umber_Brown

This step needs:

2×4: 1 | 2×2: 10 | 1×2: 110 | 1×1: 127



Layer 2 — Step 10 of 25

Color: Medium_Brown

This step needs:

2×2: 7 1×2: 68 1×1: 151



Layer 2 — Step 11 of 25

Color: Dark_Tan

This step needs:

2×4: 3 2×2: 8 1×2: 82 1×1: 131



Layer 2 — Step 12 of 25

Color: Dark_Brown

This step needs:

2×4: 20 2×2: 10 1×2: 96 1×1: 51

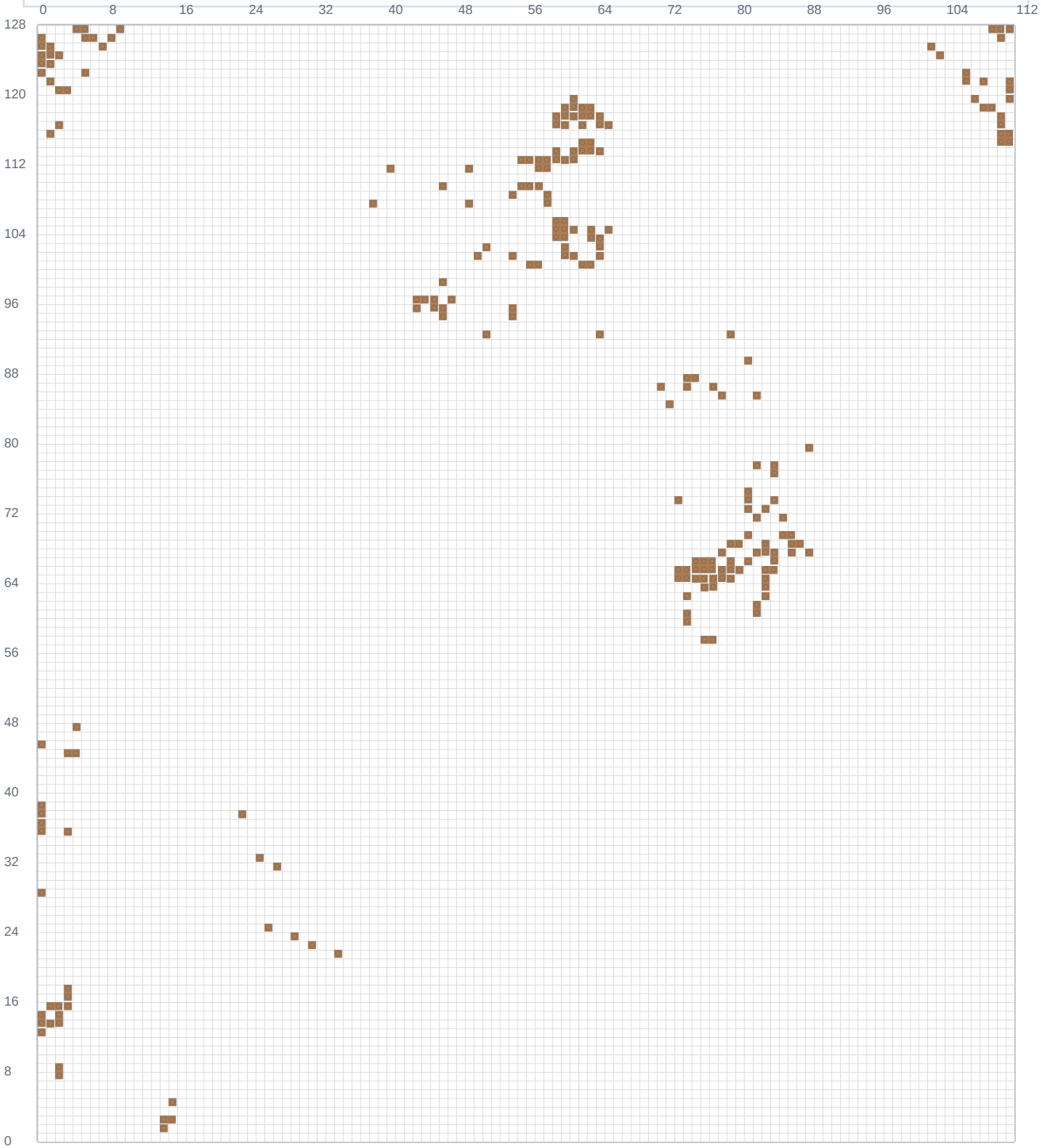


Layer 2 — Step 13 of 25

Color: Medium_Nougat

This step needs:

2×2: 7 1×2: 55 1×1: 85

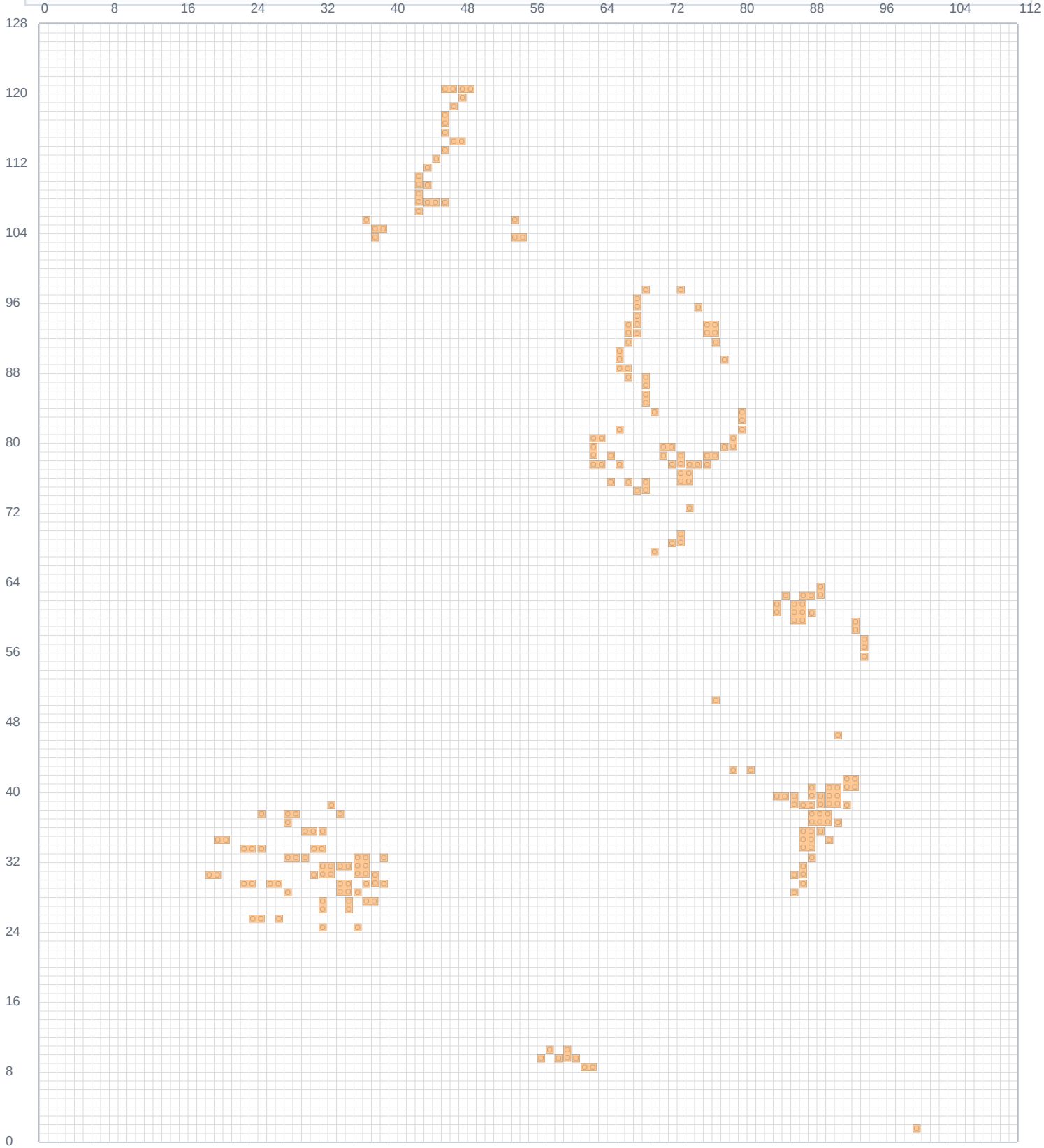


Layer 2 — Step 14 of 25

Color: Light_Nougat

This step needs:

2×2: 10 1×2: 55 1×1: 71

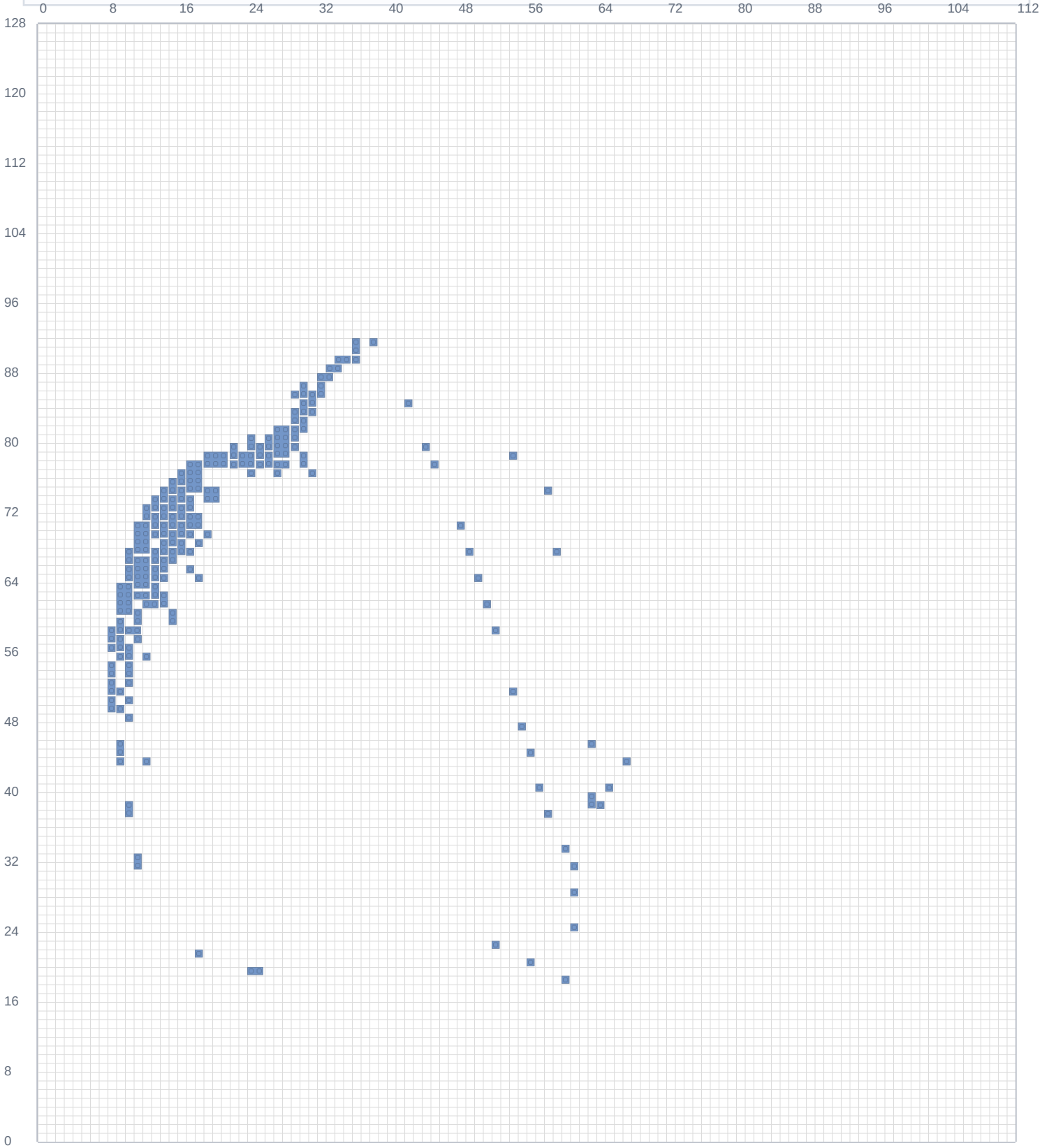


Layer 2 — Step 15 of 25

Color: Medium_Blue

This step needs:

2×4: 5 · 2×2: 4 · 1×2: 61 · 1×1: 57

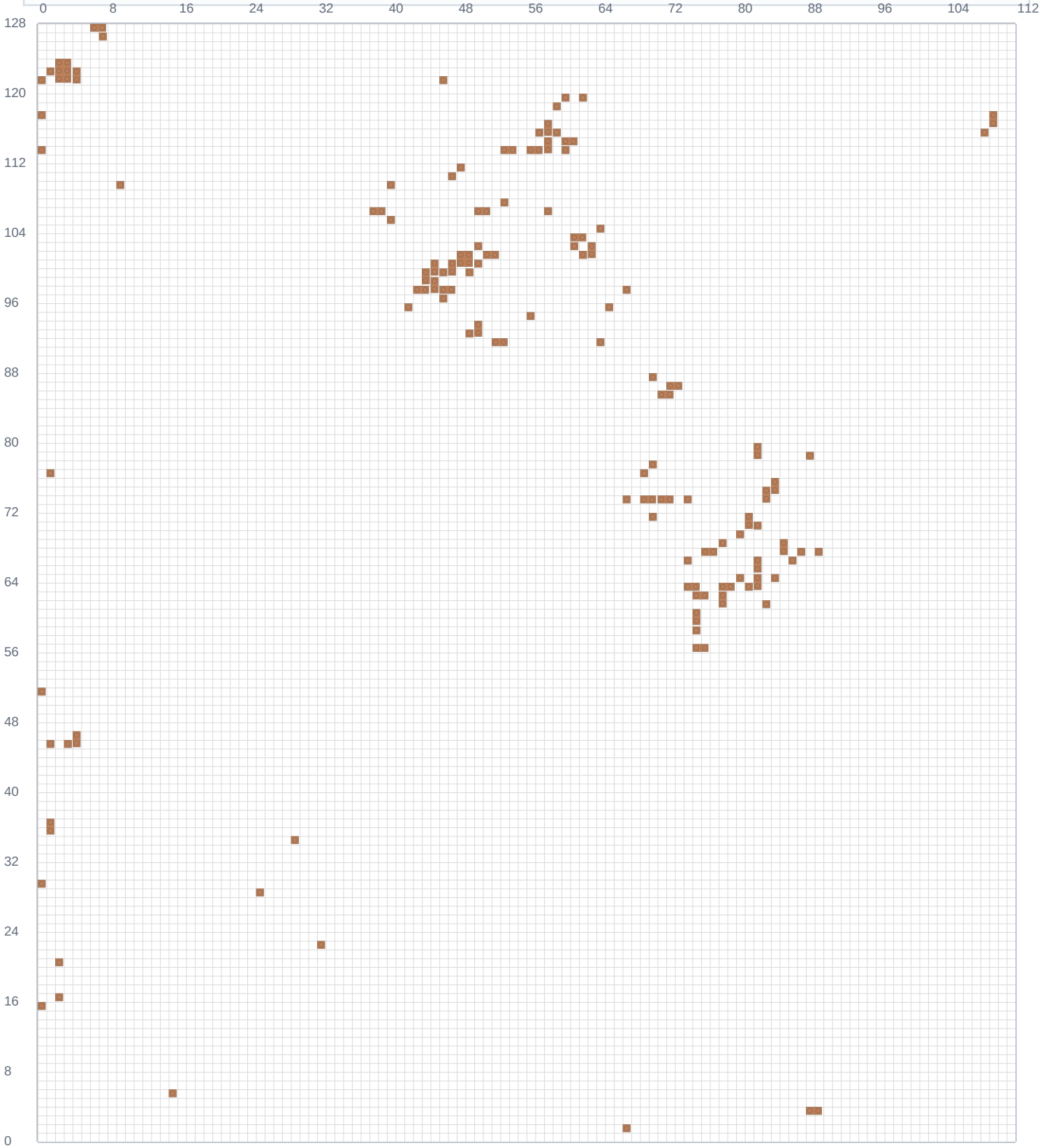


Layer 2 — Step 16 of 25

Color: Nougat

This step needs:

2×2: 2 1×2: 42 1×1: 66

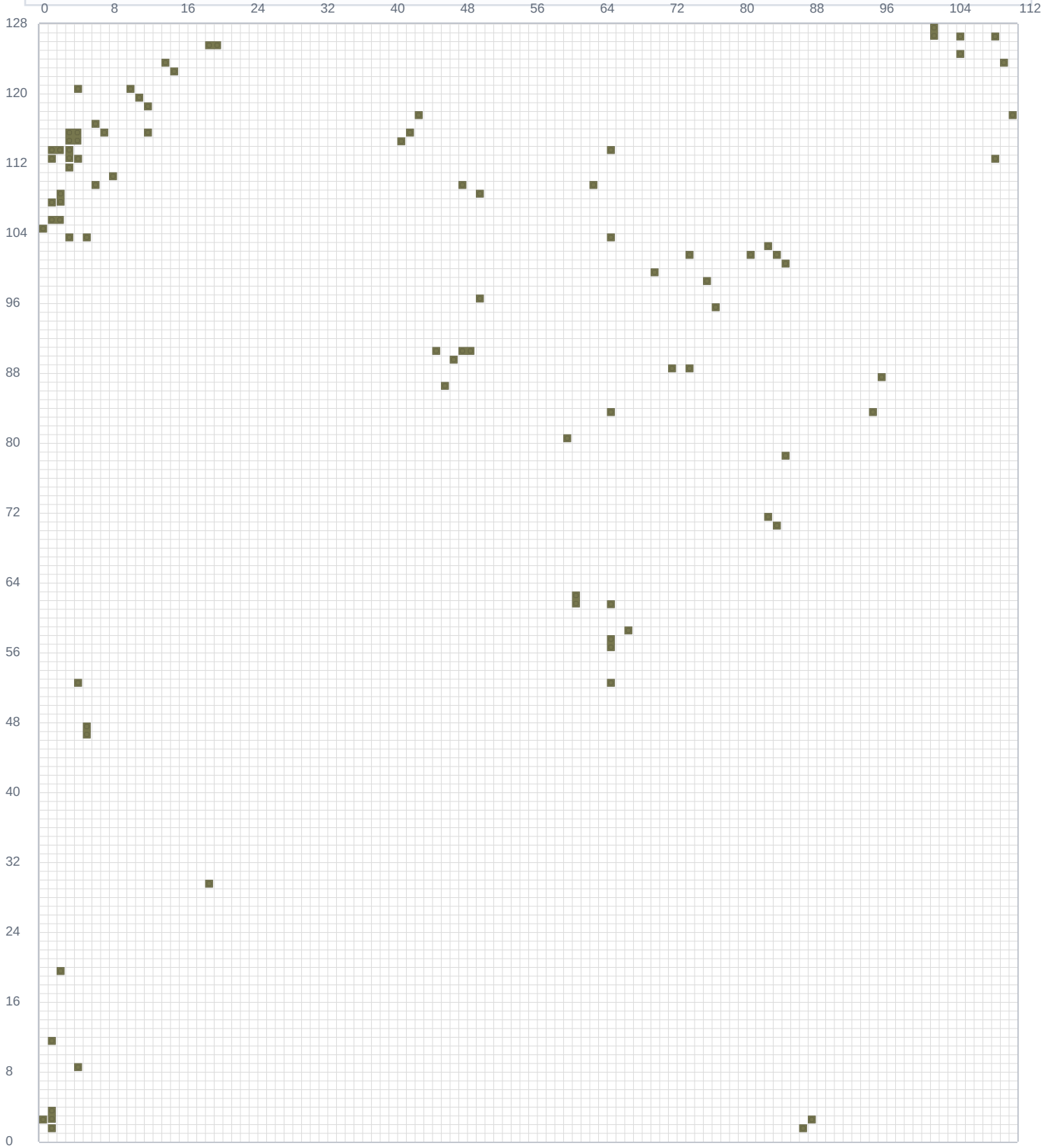


Layer 2 — Step 17 of 25

Color: Olive_Green

This step needs:

2×2: 1 1×2: 11 1×1: 65

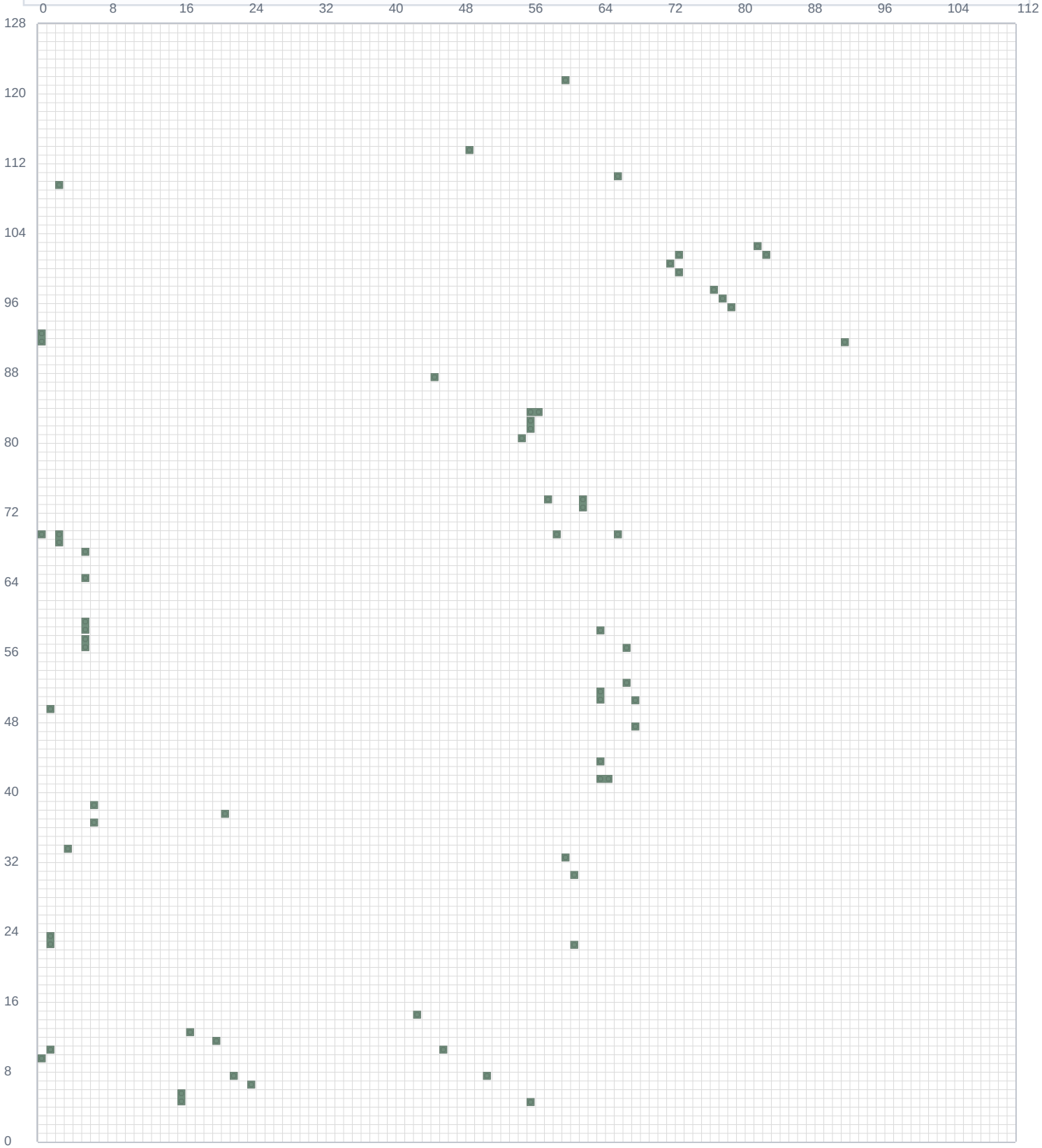


Layer 2 — Step 18 of 25

Color: Sand_Green

This step needs:

1×2: 11 1×1: 45

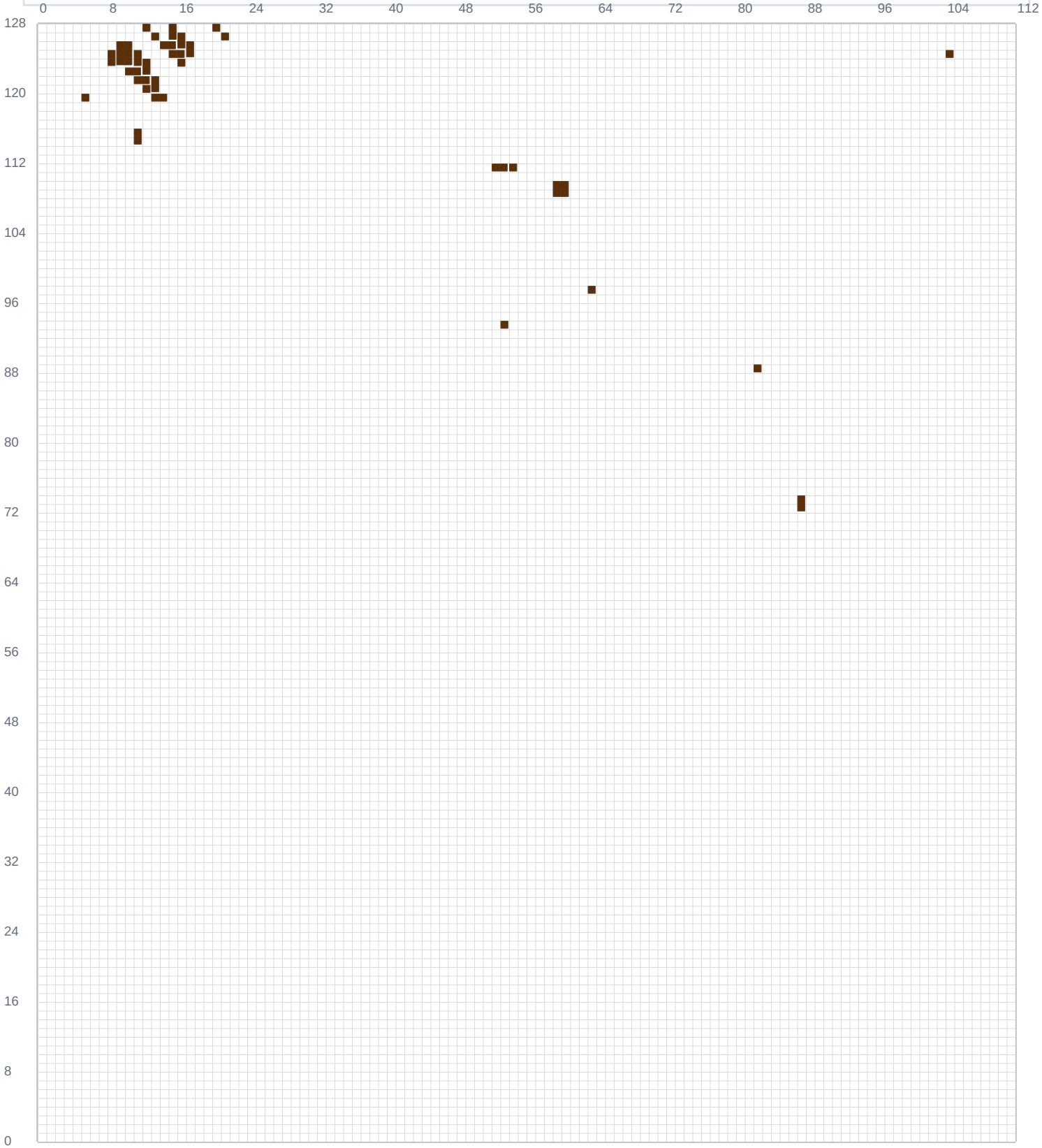


Layer 2 — Step 19 of 25

Color: Reddish_Brown

This step needs:

2×2: 2 1×2: 15 1×1: 12

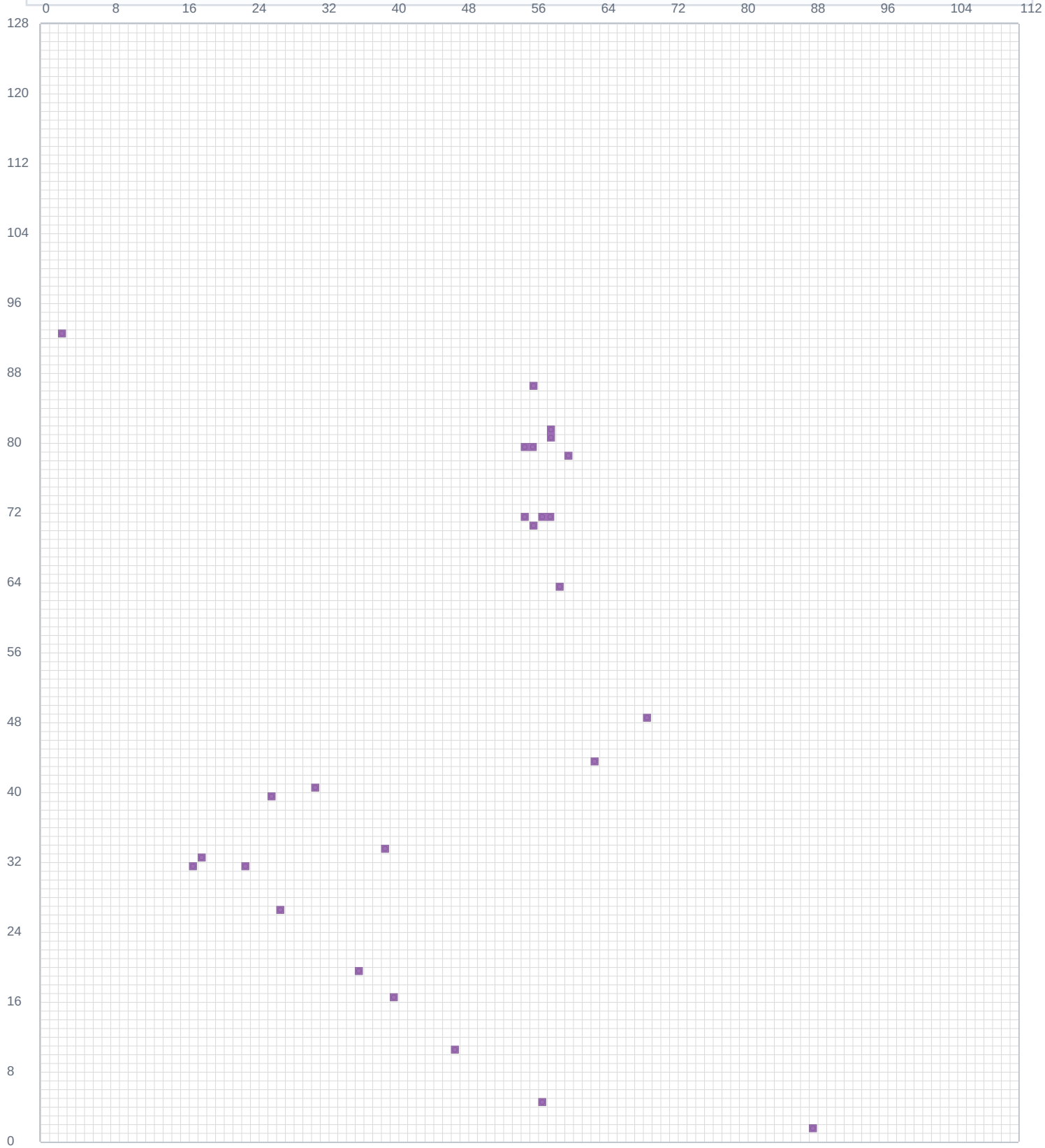


Layer 2 — Step 20 of 25

Color: Medium_Lavender

This step needs:

1×2: 3 1×1: 20

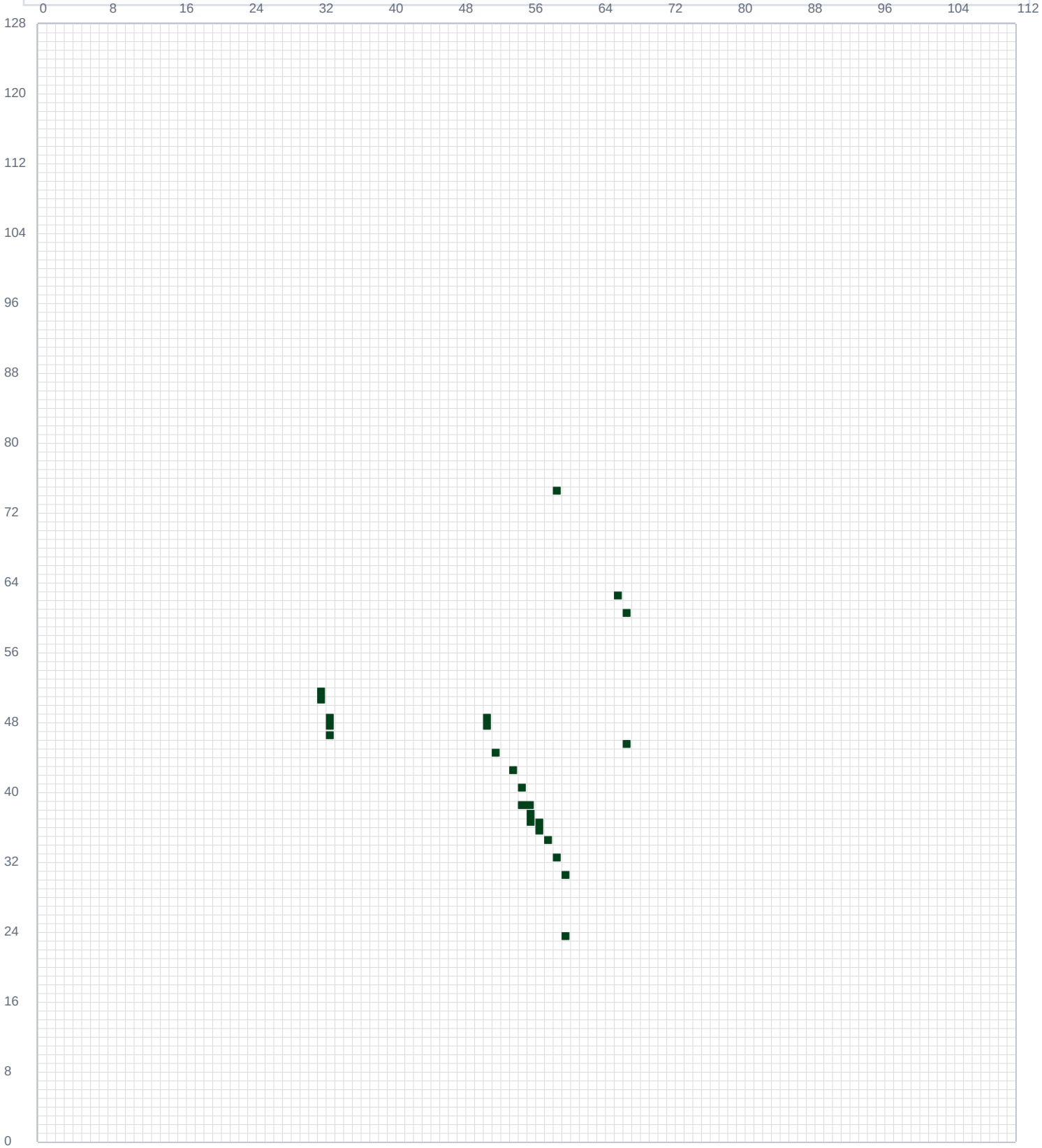


Layer 2 — Step 21 of 25

Color: Dark_Green

This step needs:

1×2: 6 1×1: 12

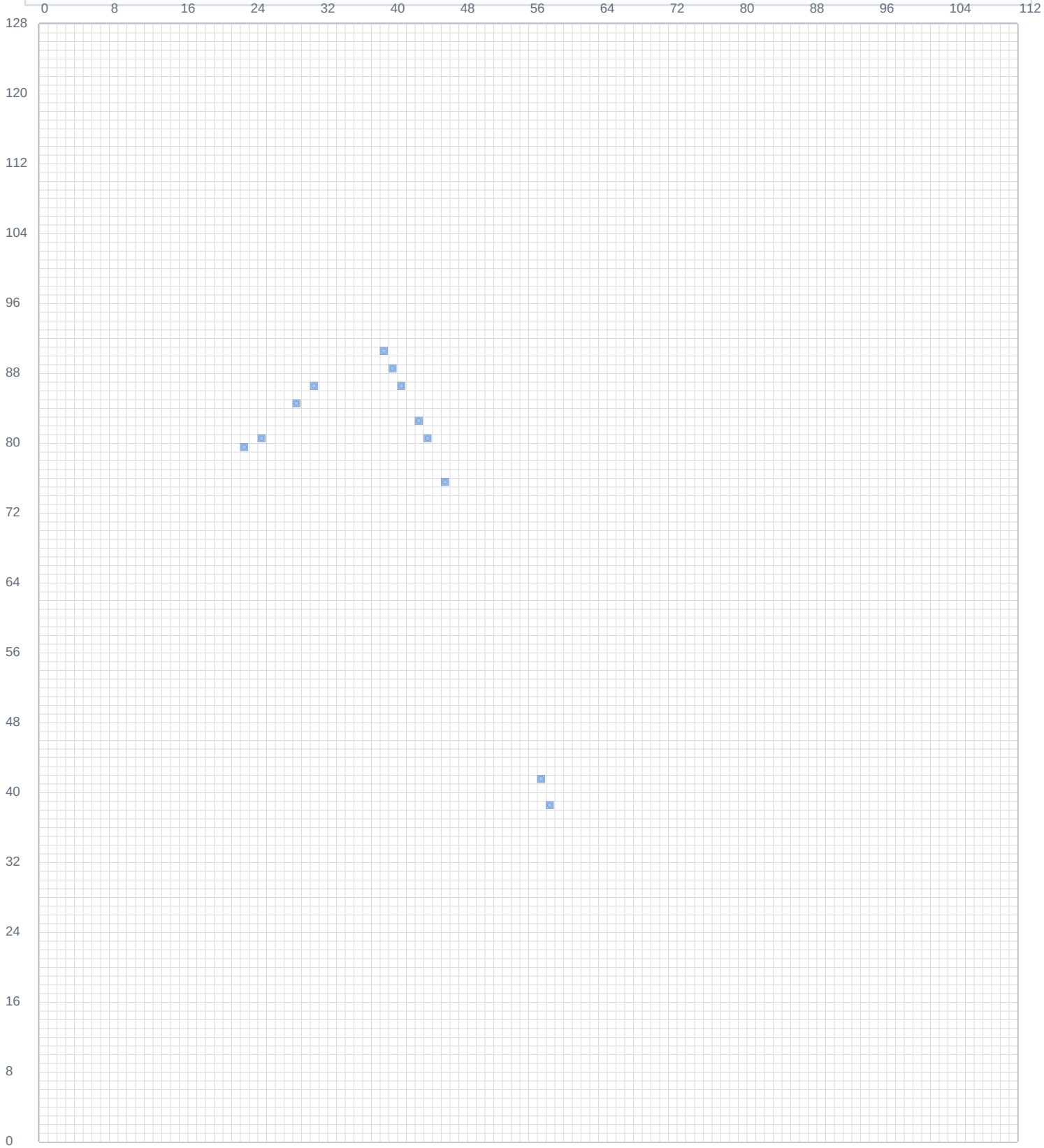


Layer 2 — Step 22 of 25

Color: Bright_Light_Blue

This step needs:

- 1×1: 12



Layer 2 — Step 23 of 25

Color: Dark_Orange

This step needs:

1×2: 3 1×1: 4

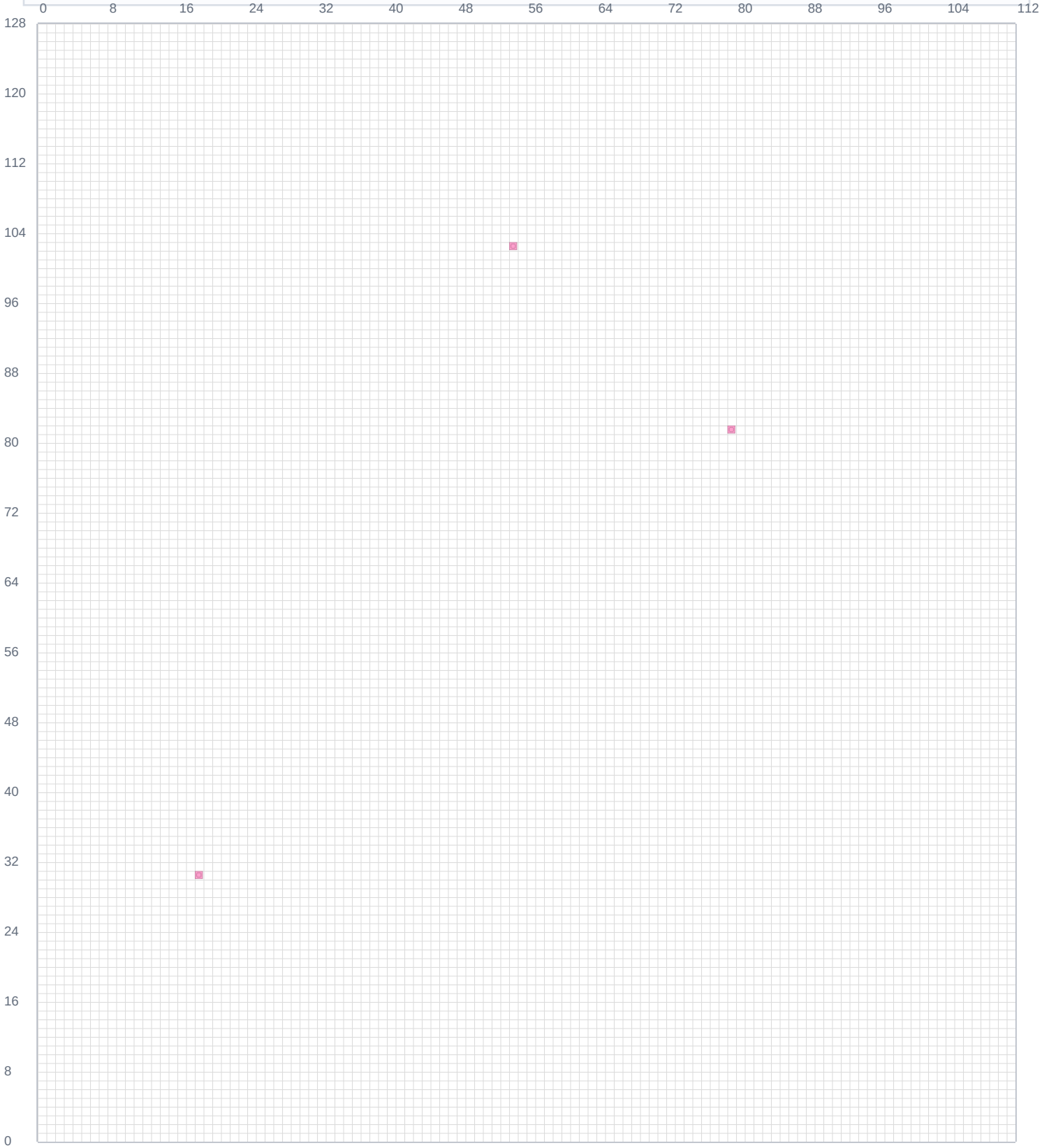


Layer 2 — Step 24 of 25

Color: Bright_Pink

This step needs:

- 1×1: 3

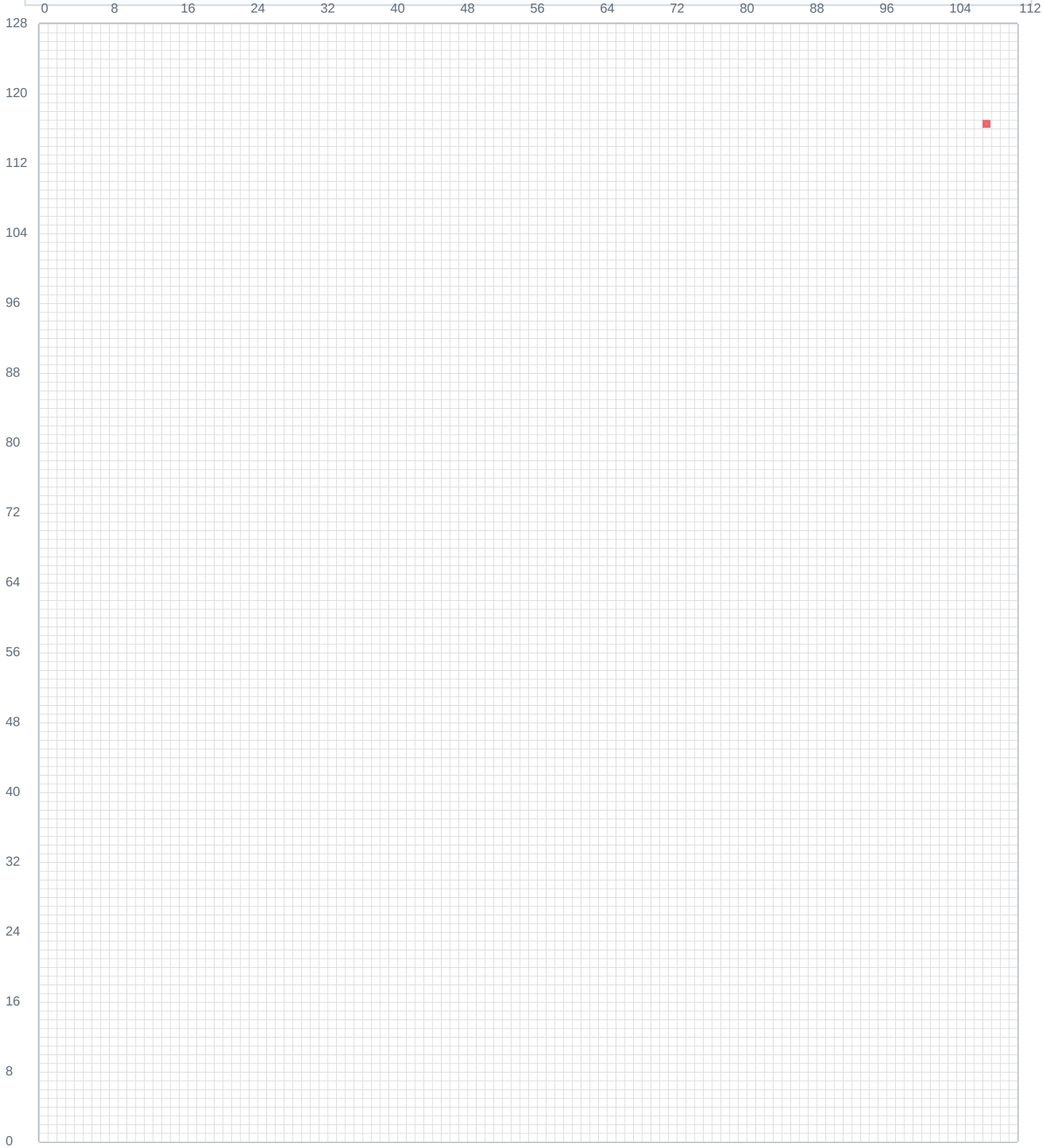


Layer 2 — Step 25 of 25

Color: Coral

This step needs:

- 1×1: 1

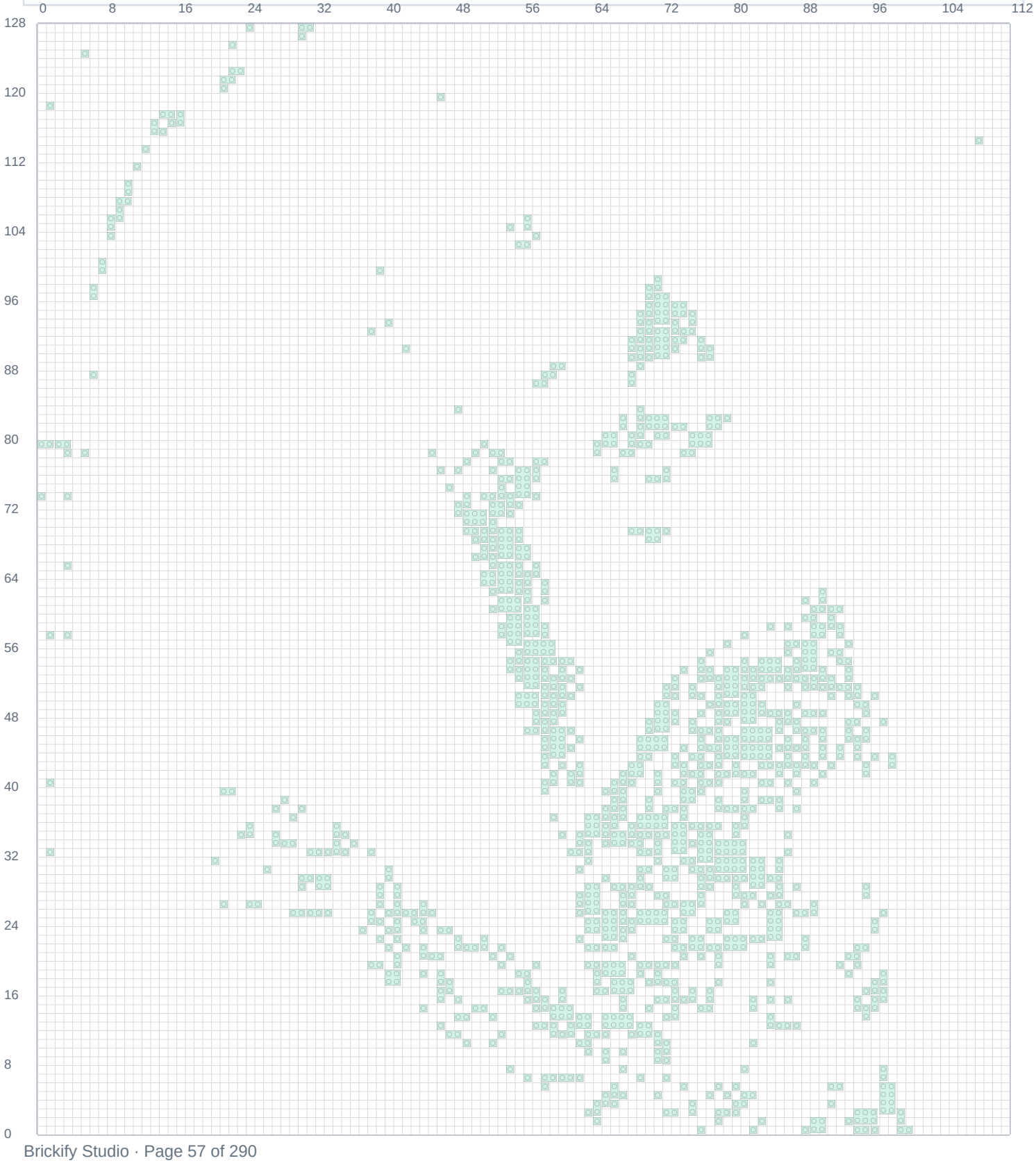


Layer 3 — Step 1 of 25

Color: Light_Aqua

This step needs:

2×4: 29 2×2: 37 1×2: 330 1×1: 219

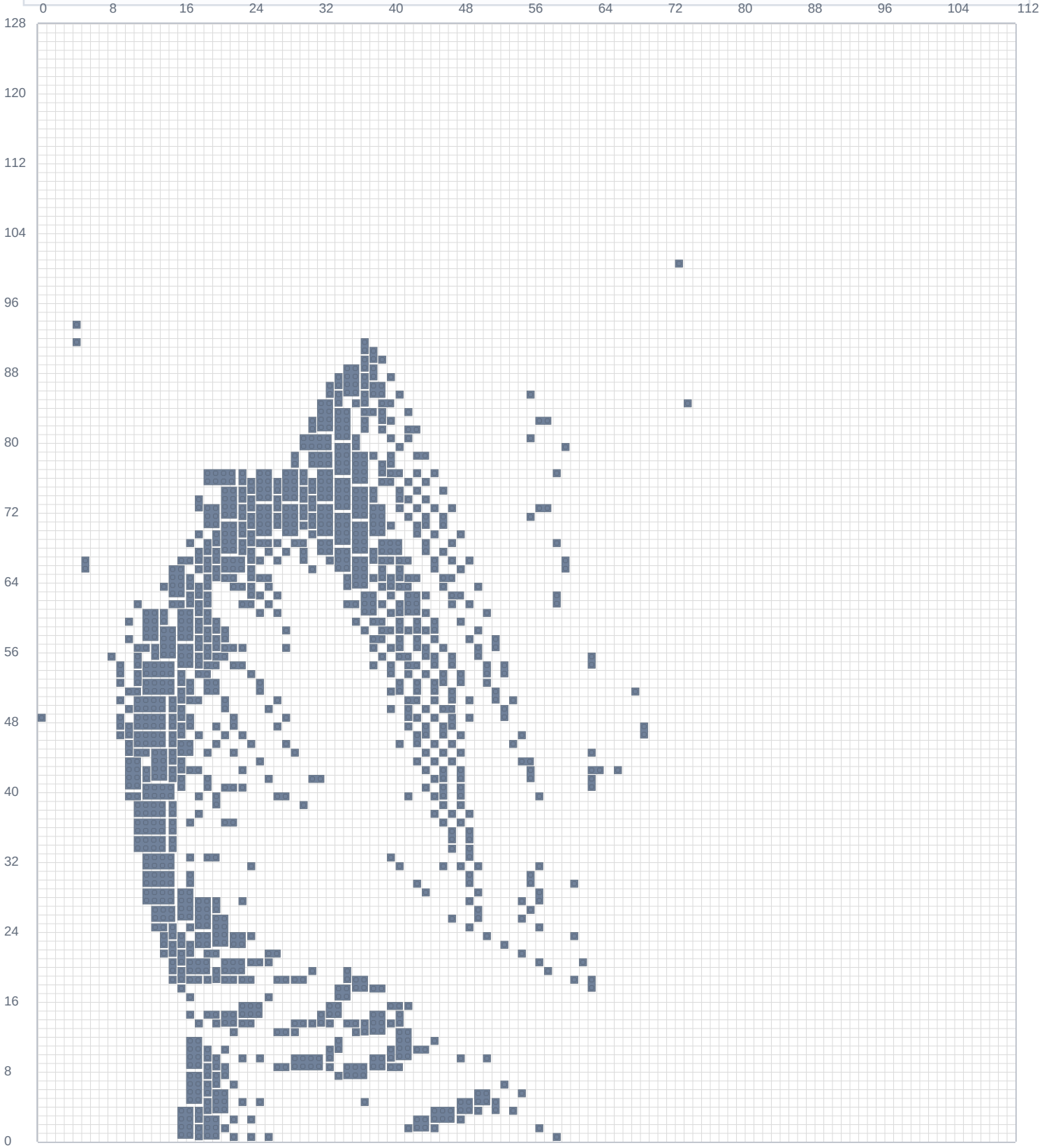


Layer 3 — Step 2 of 25

Color: Sand_Blue

This step needs:

2×4: 47 2×2: 31 1×2: 243 1×1: 238



Layer 3 — Step 3 of 25

Color: Tan

This step needs:

2×4: 15 2×2: 34 1×2: 246 1×1: 207

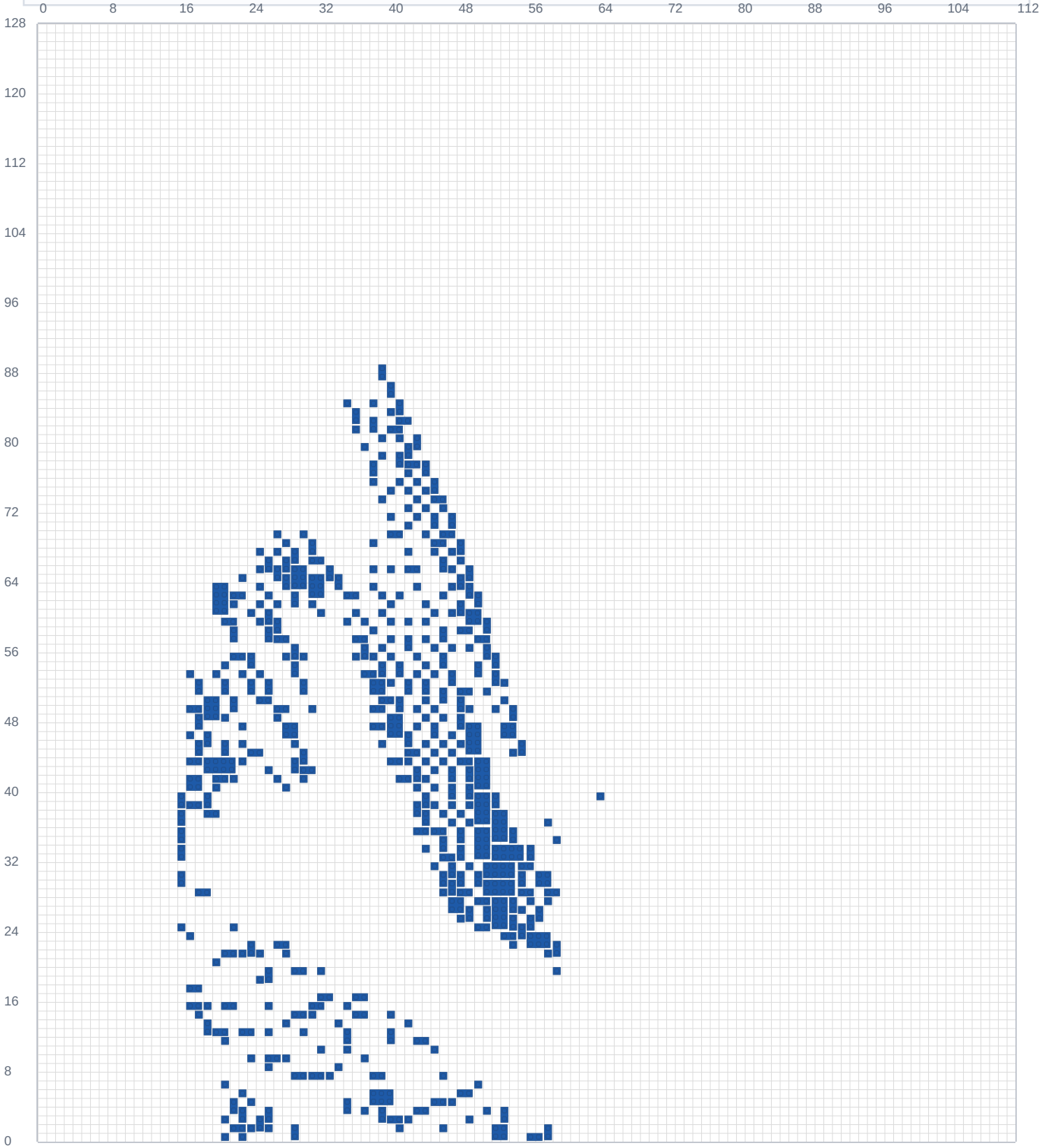


Layer 3 — Step 4 of 25

Color: Blue

This step needs:

2×4: 11 2×2: 14 1×2: 188 1×1: 195



Layer 3 — Step 5 of 25

Color: Lavender

This step needs:

2×4: 1 · 2×2: 7 · 1×2: 131 · 1×1: 256



Layer 3 — Step 6 of 25

Color: White

This step needs:

2×4: 16 2×2: 42 1×2: 194 1×1: 143



Layer 3 — Step 7 of 25

Color: Medium_Tan

This step needs:

2×4: 7 | 2×2: 17 | 1×2: 145 | 1×1: 186

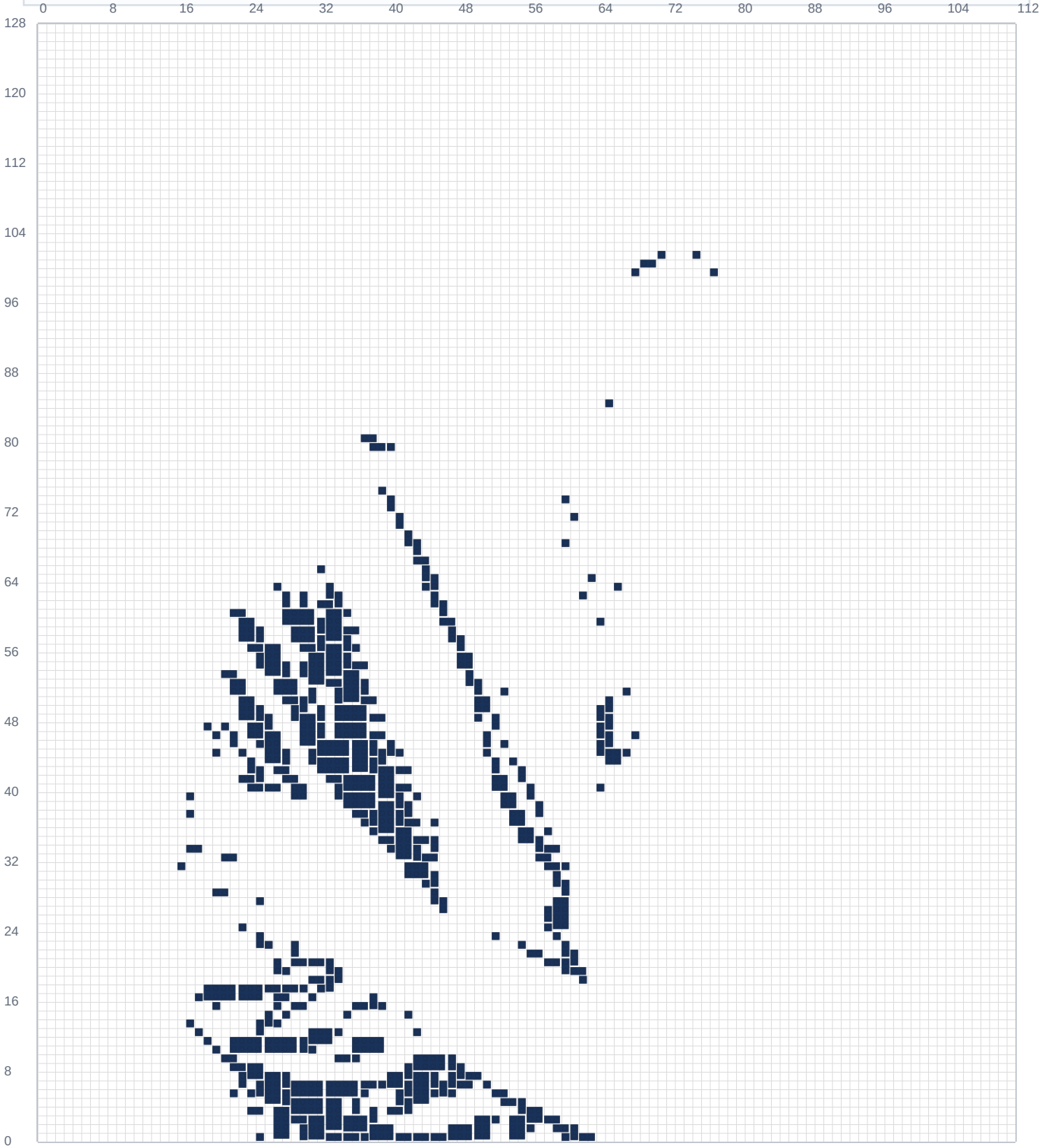


Layer 3 — Step 8 of 25

Color: Dark_Blue

This step needs:

2×4: 31 · 2×2: 26 · 1×2: 165 · 1×1: 86

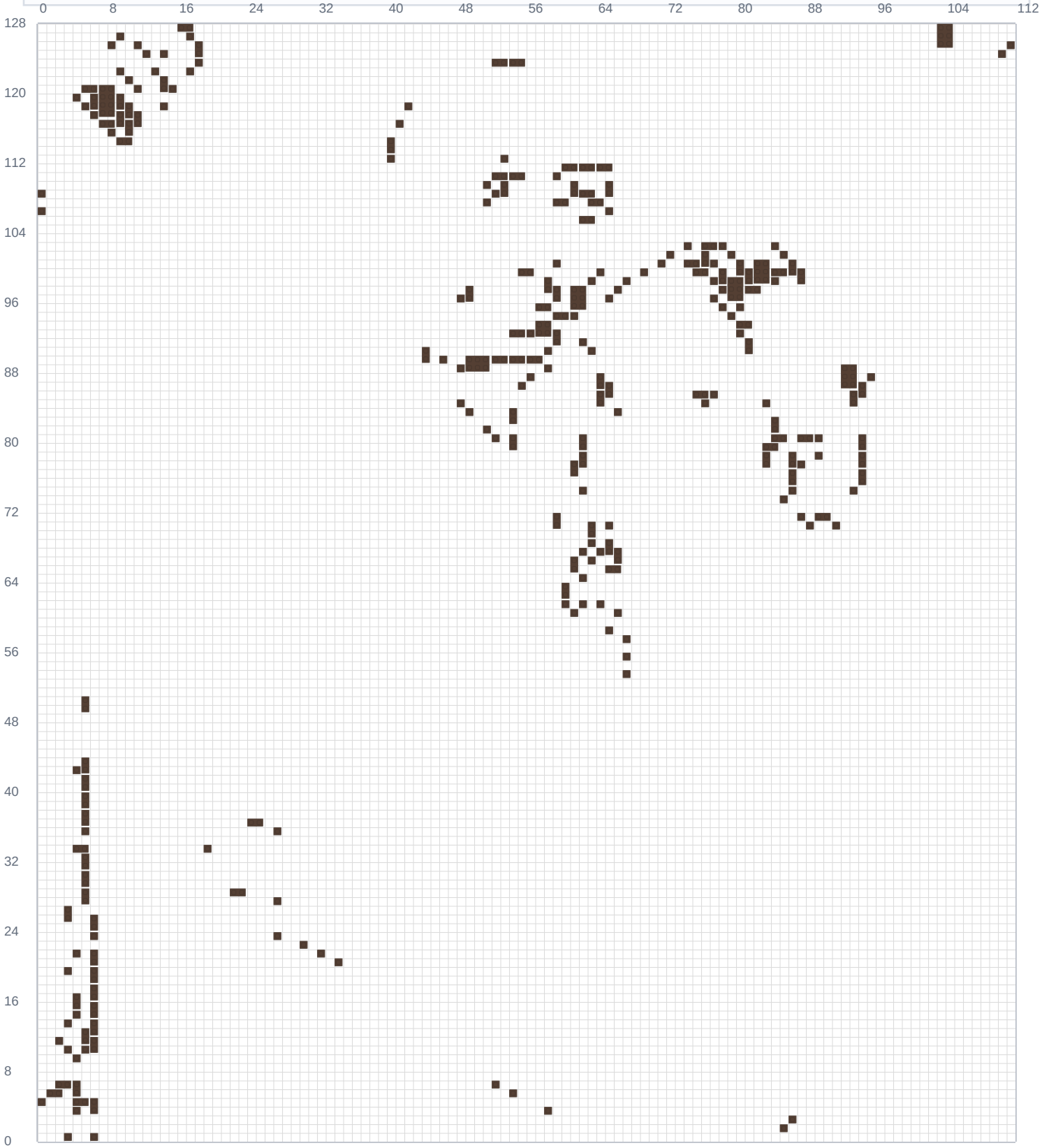


Layer 3 — Step 9 of 25

Color: Umber_Brown

This step needs:

2×4: 1 · 2×2: 7 · 1×2: 107 · 1×1: 126



Layer 3 — Step 10 of 25

Color: Medium_Brown

This step needs:

2×2: 7 1×2: 66 1×1: 152



Layer 3 — Step 11 of 25

Color: Dark_Tan

This step needs:

2×4: 3 2×2: 8 1×2: 78 1×1: 131



Layer 3 — Step 12 of 25

Color: Dark_Brown

This step needs:

2×4: 20 2×2: 10 1×2: 91 1×1: 51

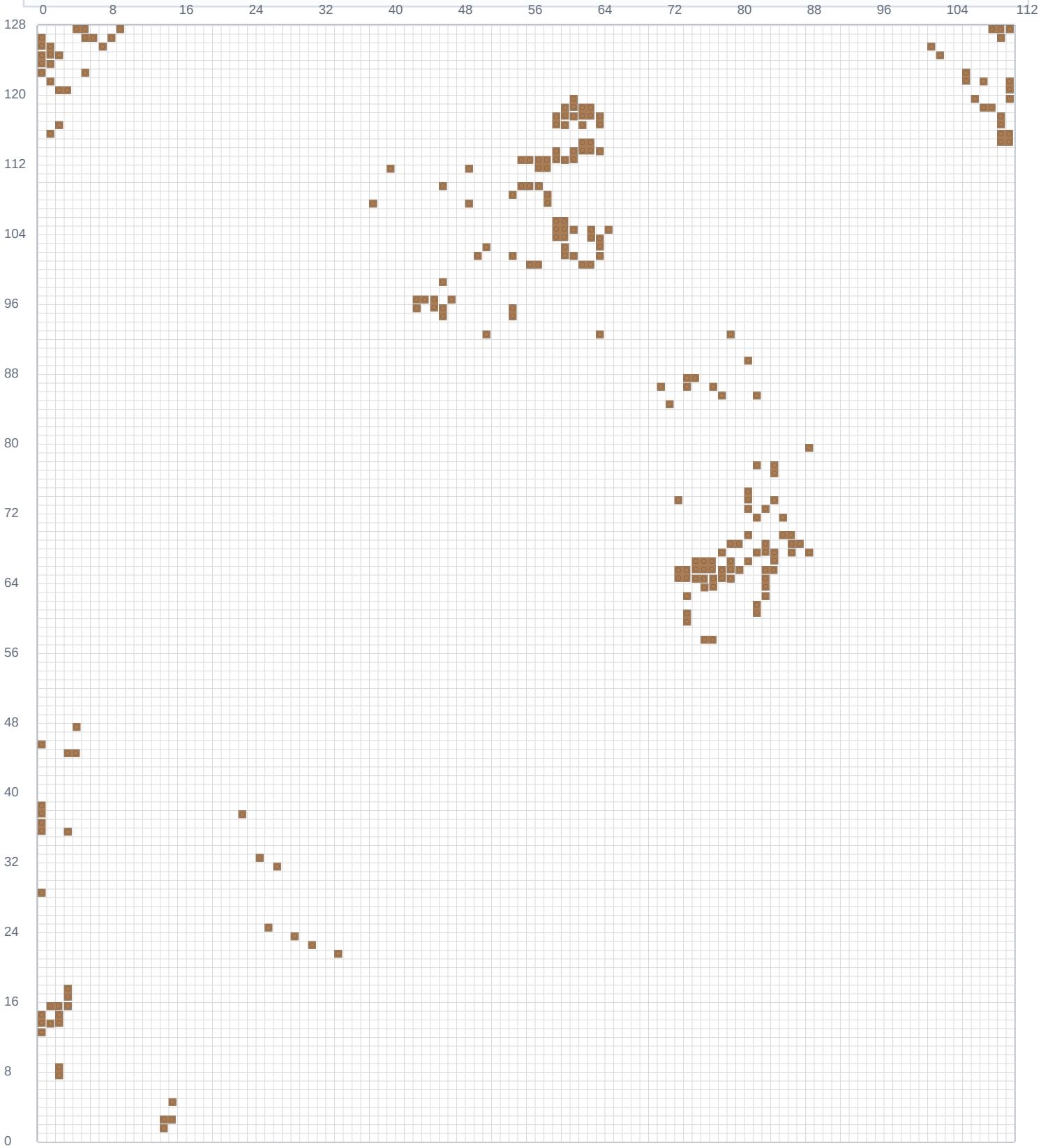


Layer 3 — Step 13 of 25

Color: Medium_Nougat

This step needs:

2×2: 7 1×2: 55 1×1: 84

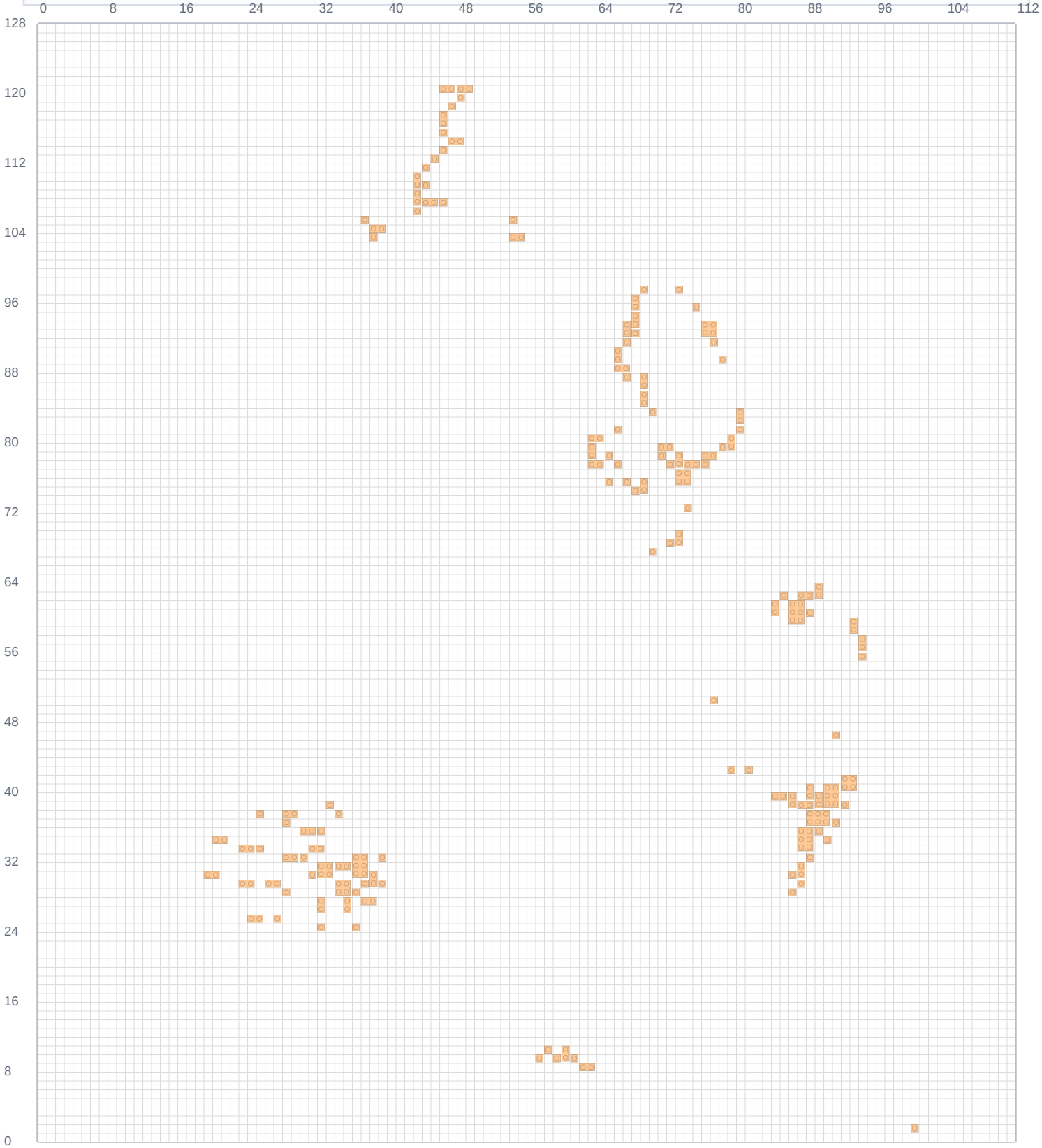


Layer 3 — Step 14 of 25

Color: Light_Nougat

This step needs:

2×2: 10 1×2: 55 1×1: 71

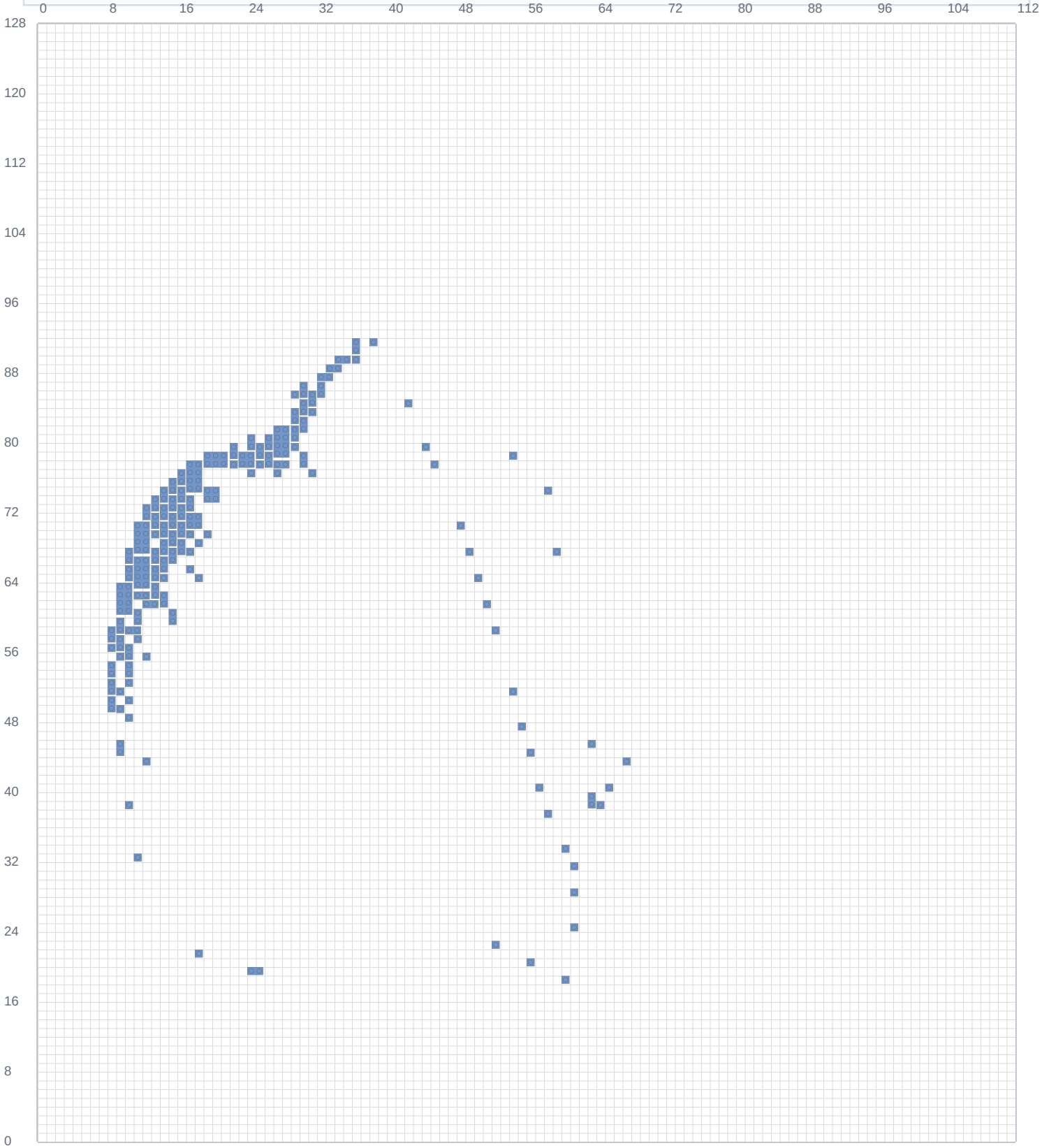


Layer 3 — Step 15 of 25

Color: Medium_Blue

This step needs:

2×4: 5 · 2×2: 4 · 1×2: 59 · 1×1: 58

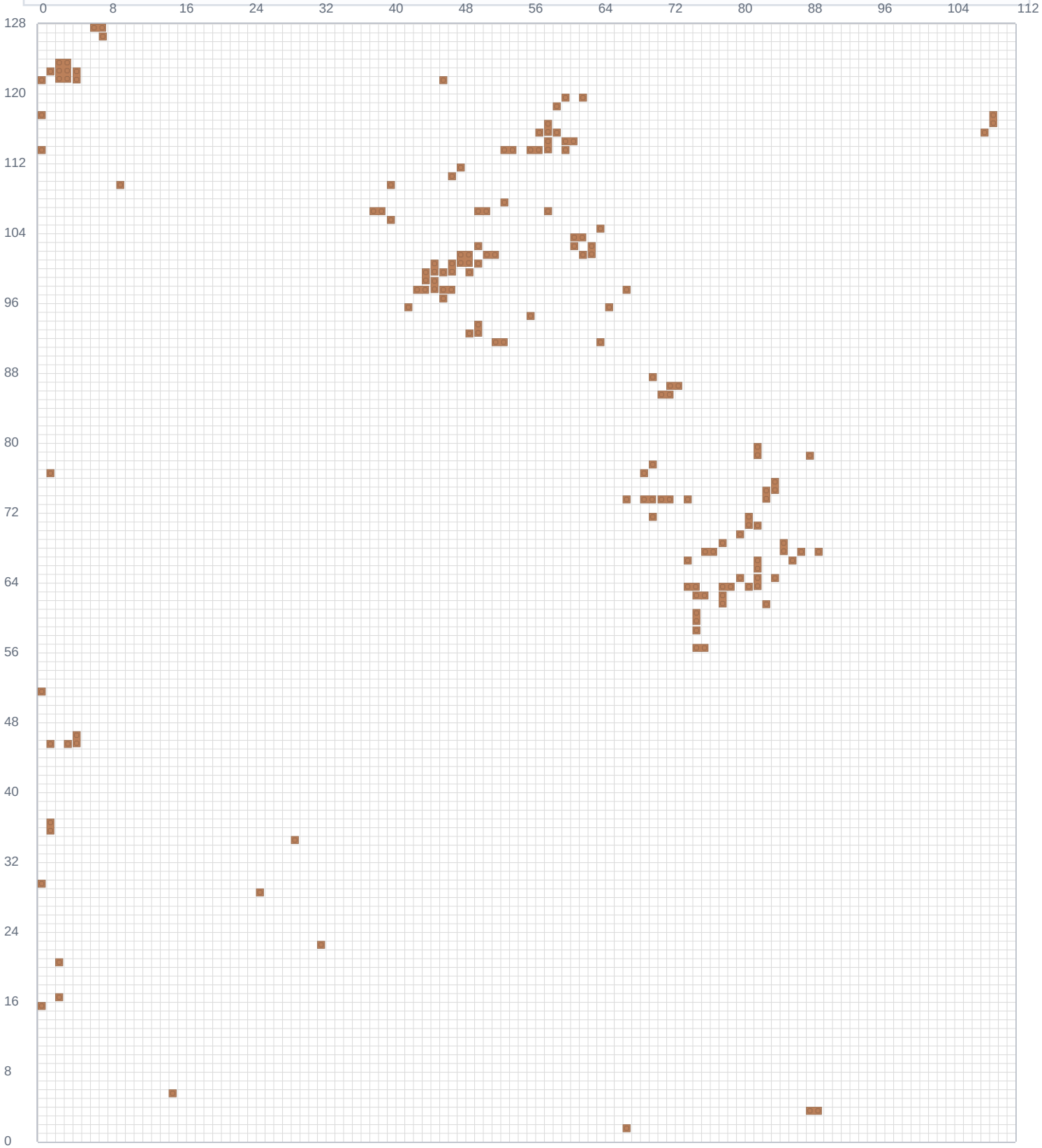


Layer 3 — Step 16 of 25

Color: Nougat

This step needs:

2×2: 2 1×2: 42 1×1: 66

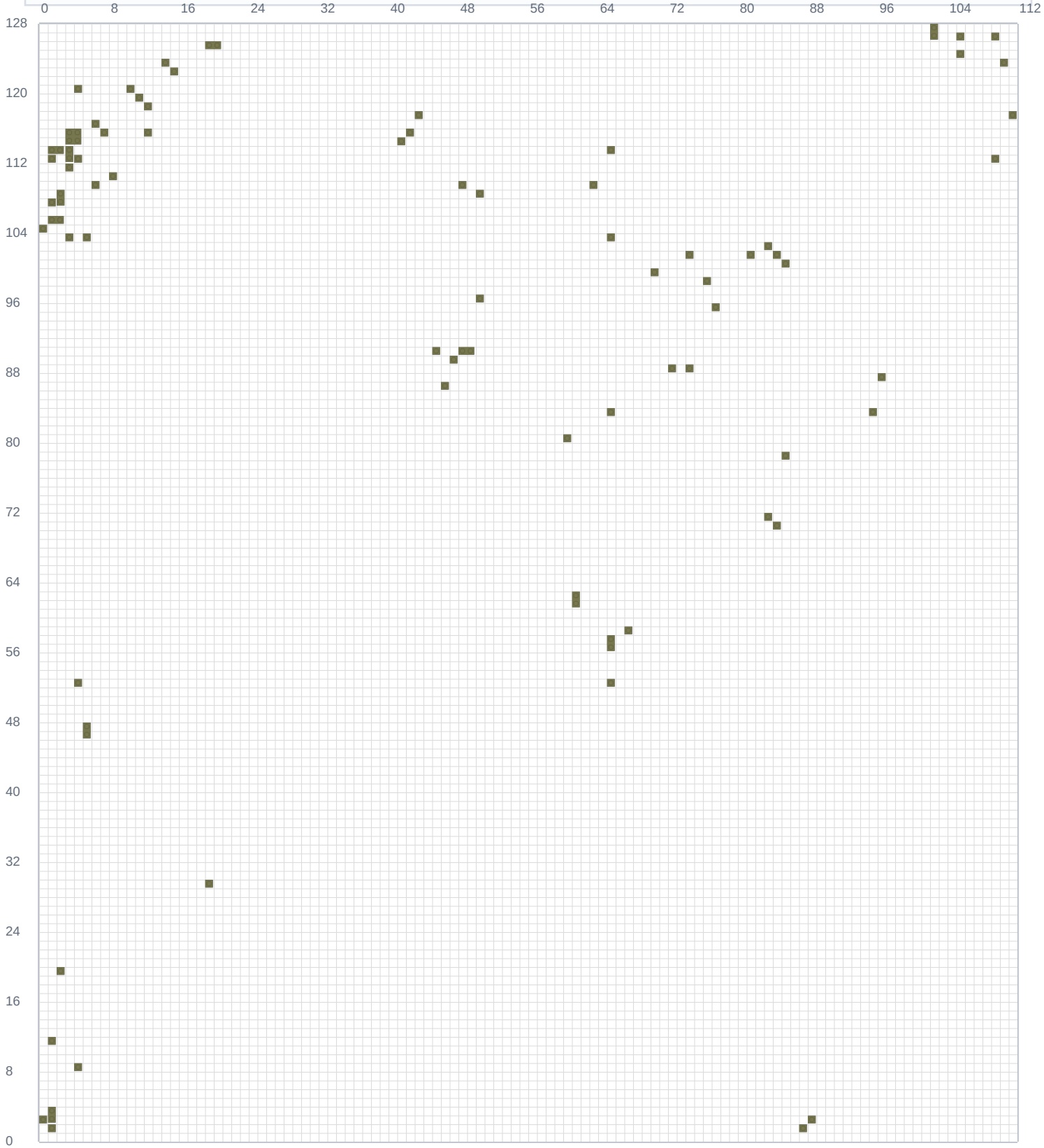


Layer 3 — Step 17 of 25

Color: Olive_Green

This step needs:

2×2: 1 1×2: 11 1×1: 64

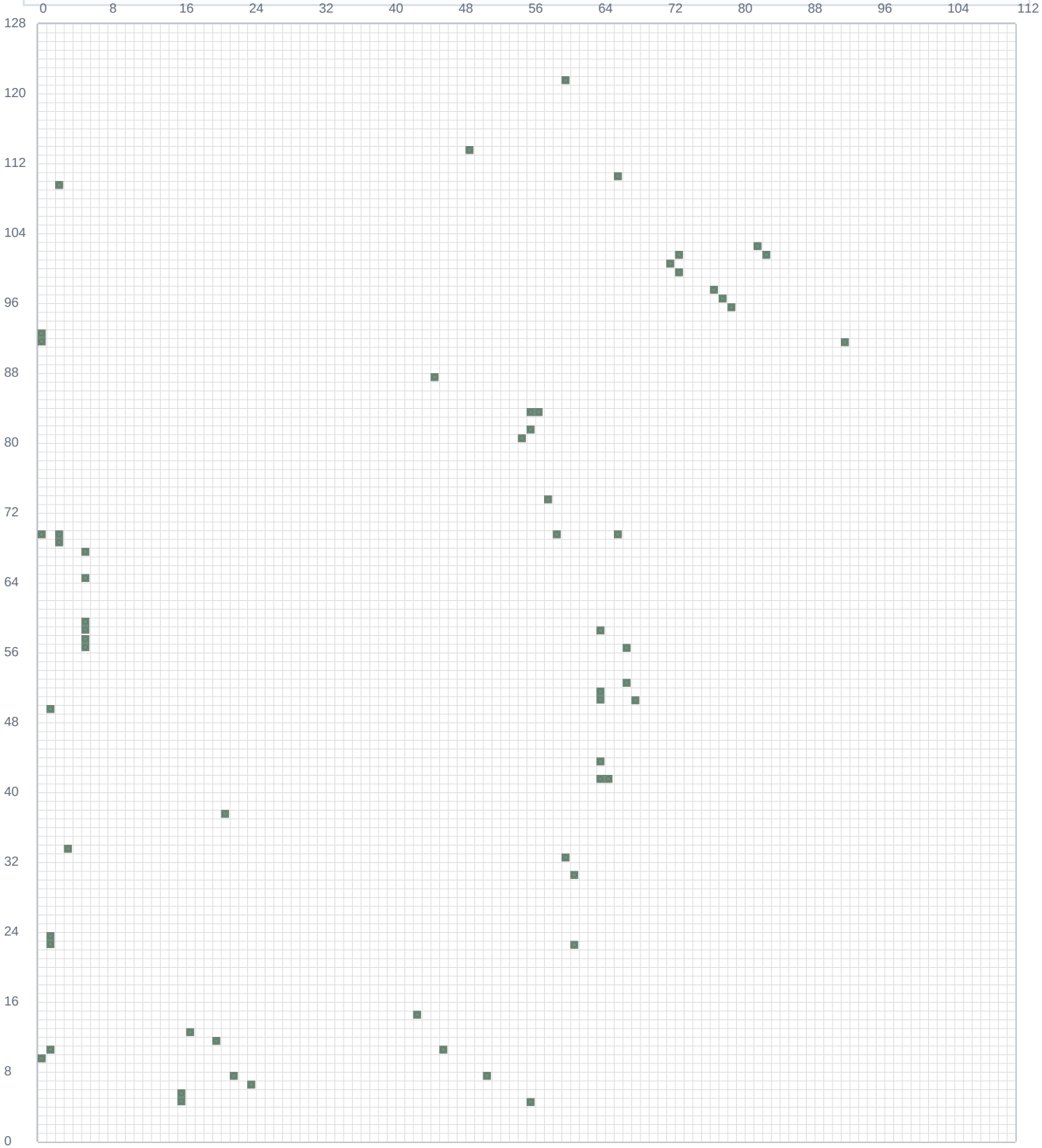


Layer 3 — Step 18 of 25

Color: Sand_Green

This step needs:

1×2: 9 1×1: 43

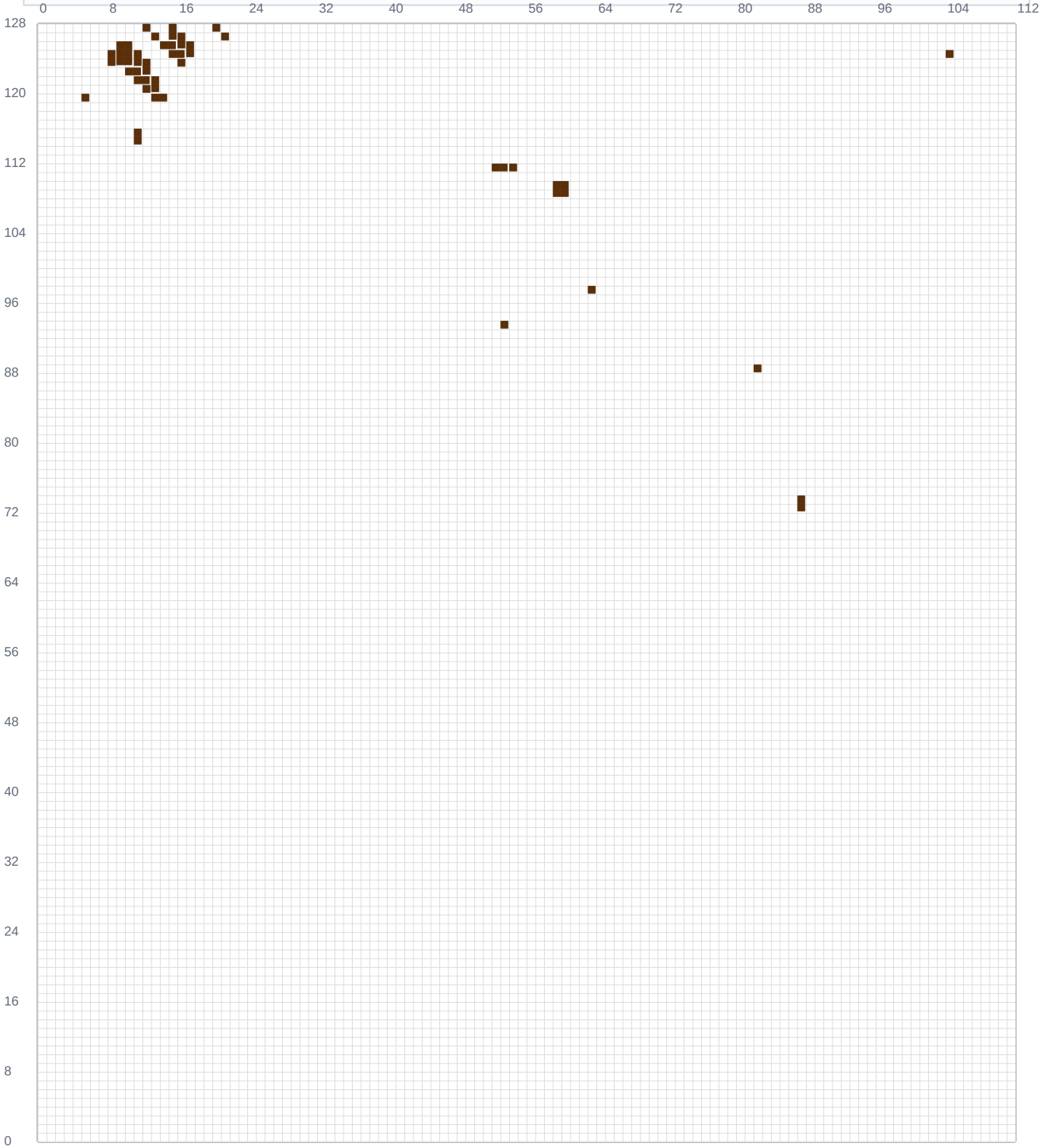


Layer 3 — Step 19 of 25

Color: Reddish_Brown

This step needs:

2×2: 2 1×2: 15 1×1: 12

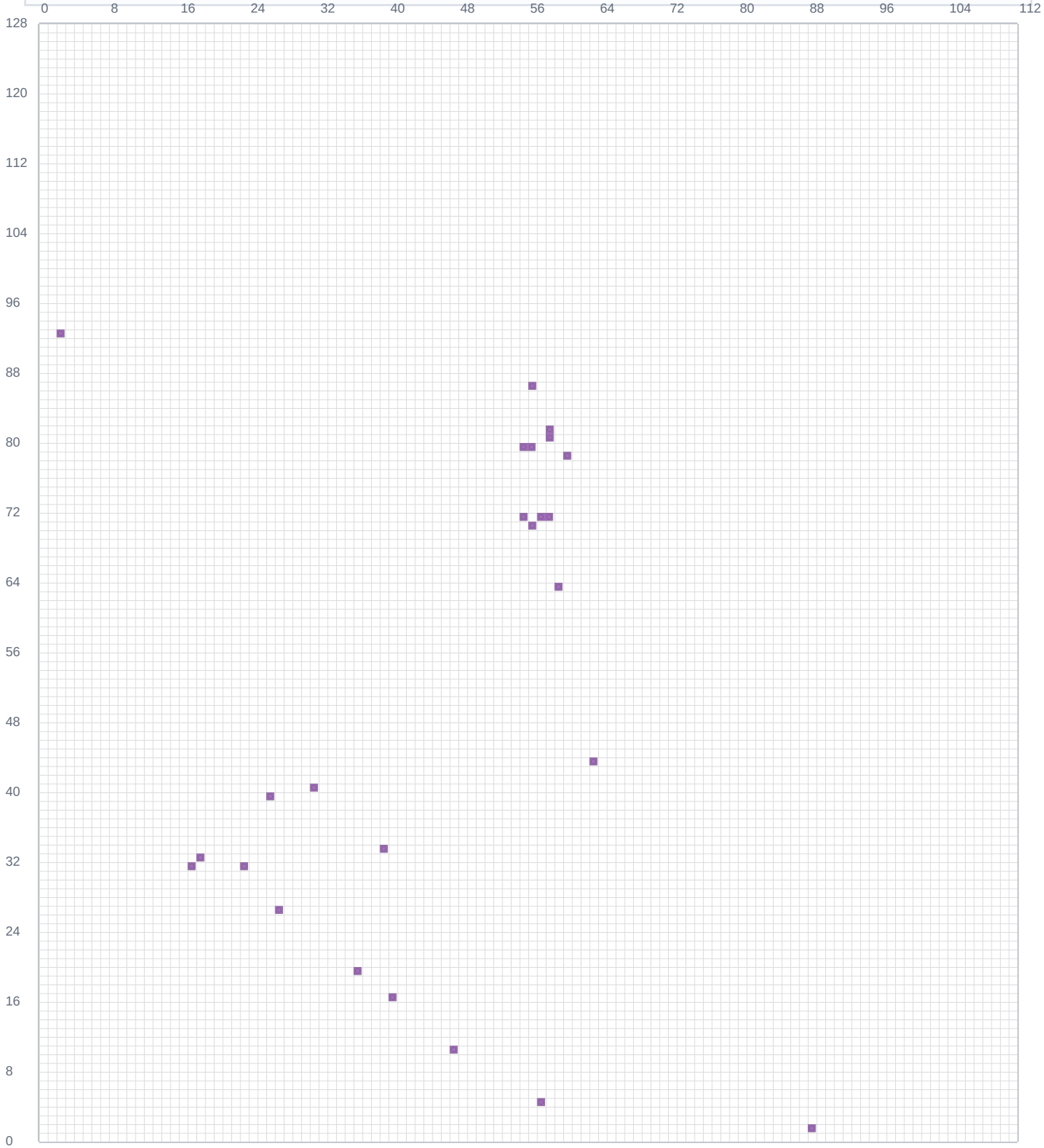


Layer 3 — Step 20 of 25

Color: Medium_Lavender

This step needs:

1×2: 3 1×1: 19

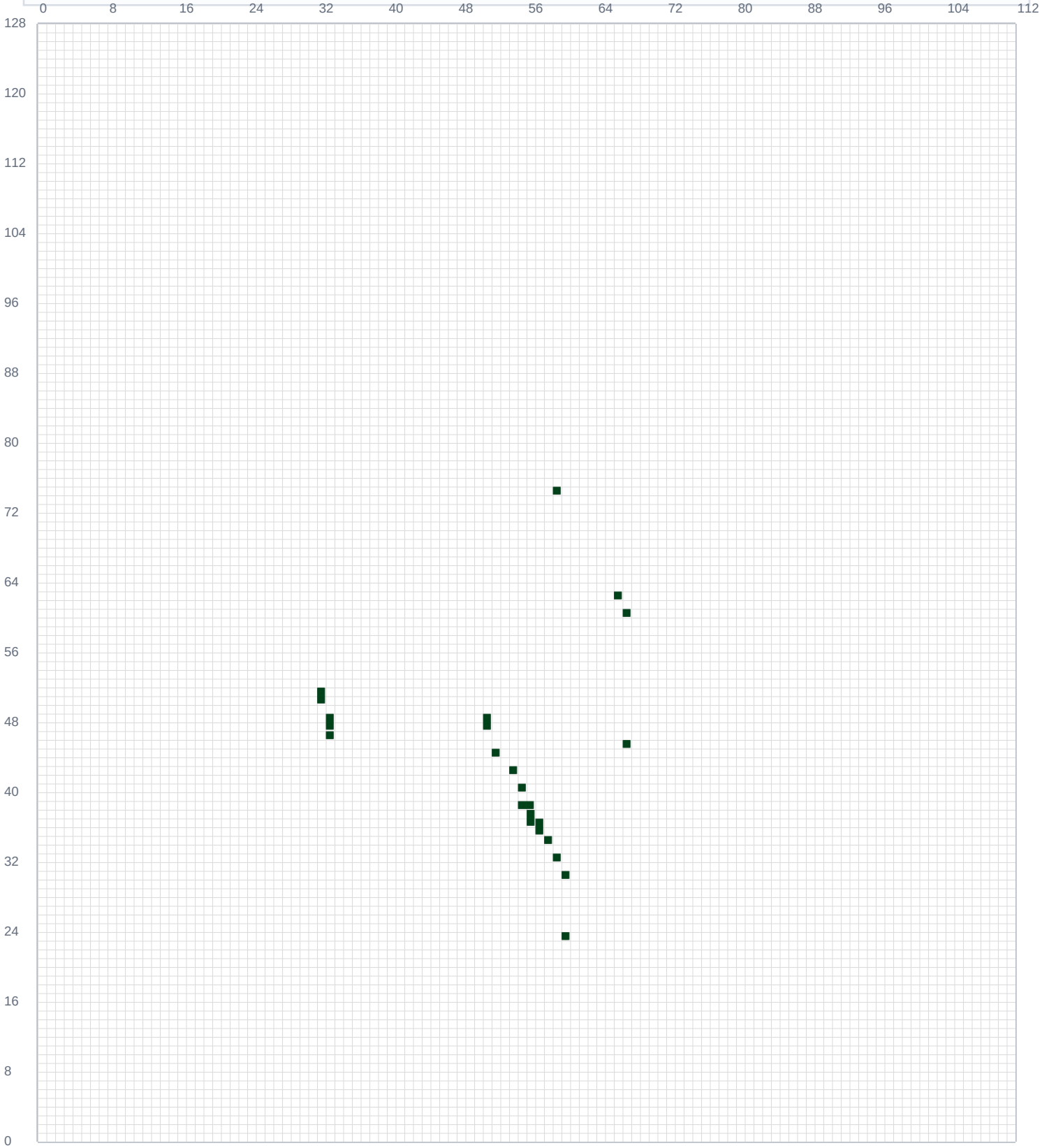


Layer 3 — Step 21 of 25

Color: Dark_Green

This step needs:

1×2: 6 1×1: 12

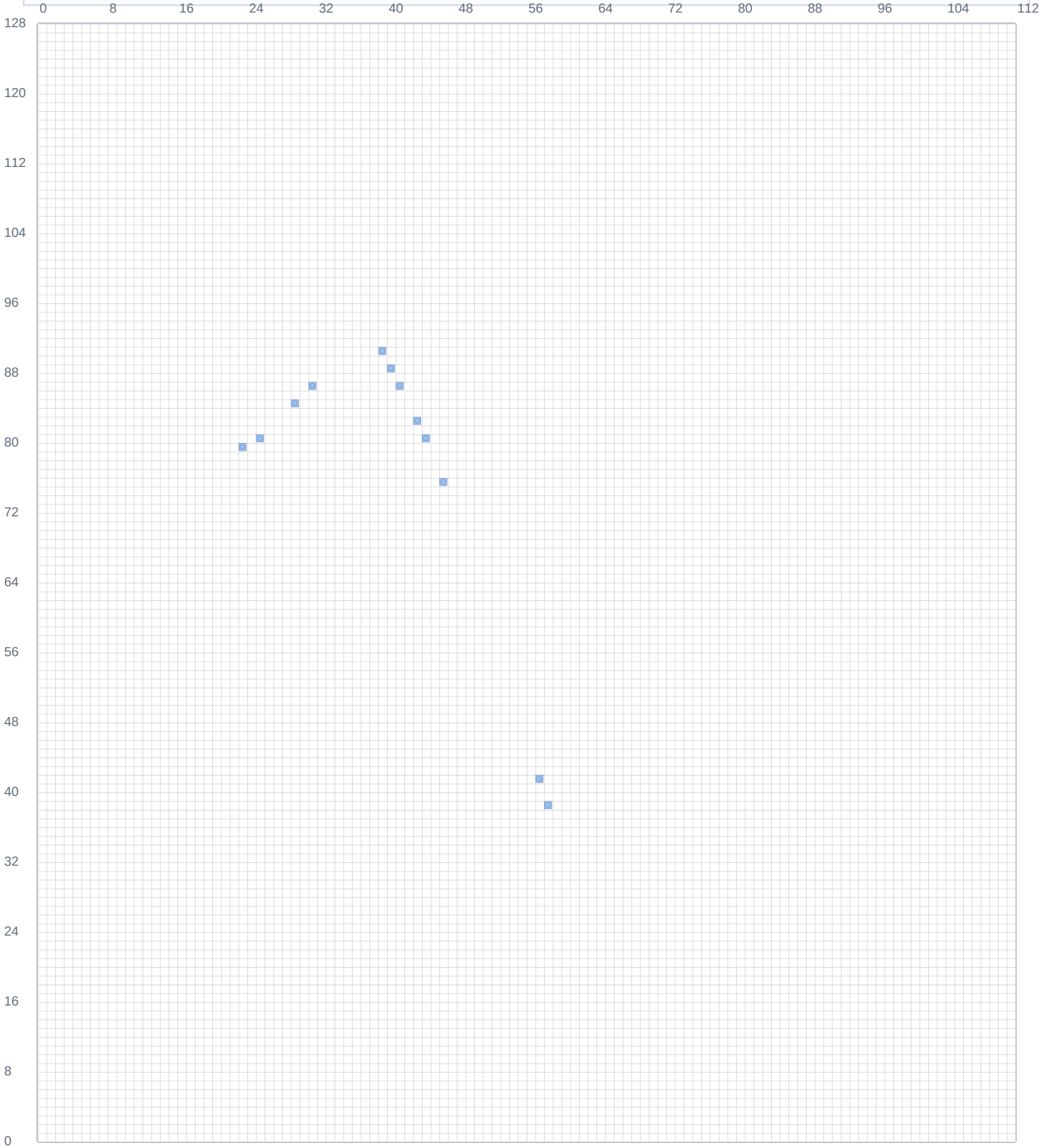


Layer 3 — Step 22 of 25

Color: Bright_Light_Blue

This step needs:

- 1×1: 12



Layer 3 — Step 23 of 25

Color: Dark_Orange

This step needs:

1×2: 3 1×1: 4

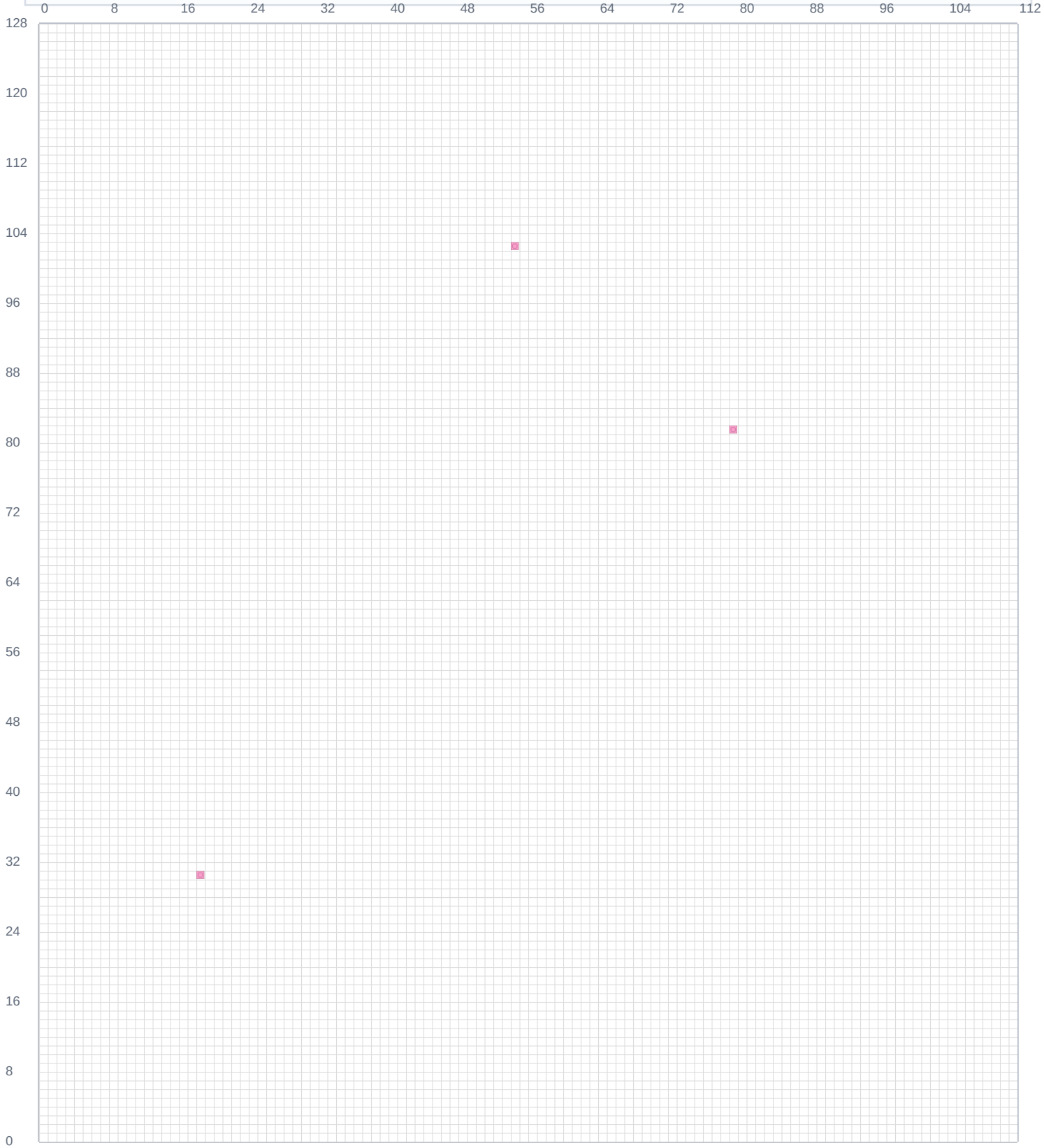


Layer 3 — Step 24 of 25

Color: Bright_Pink

This step needs:

- 1×1: 3

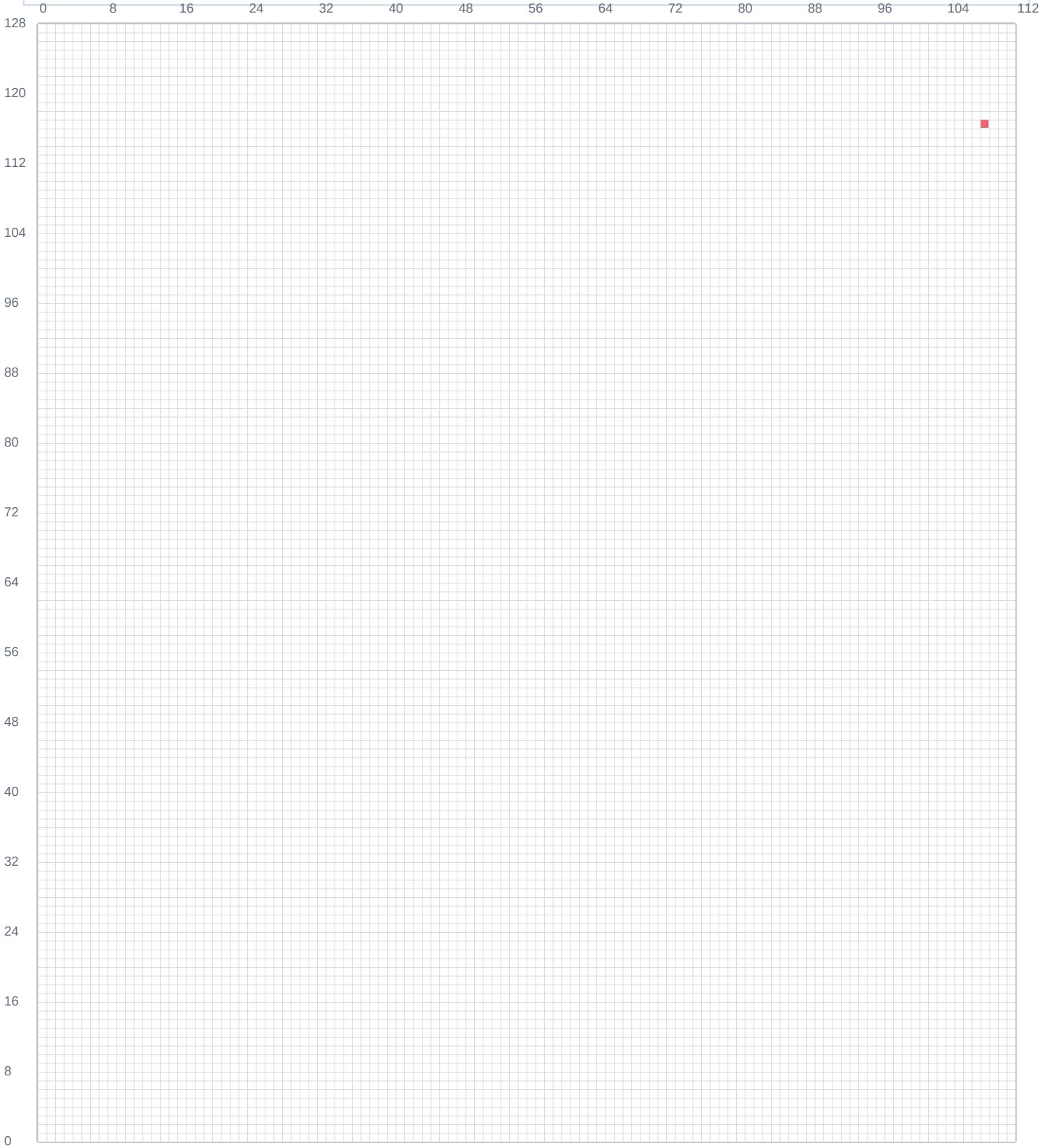


Layer 3 — Step 25 of 25

Color: Coral

This step needs:

- 1×1: 1



Layer 4 — Step 1 of 25

Color: Light_Aqua

This step needs:

2×4: 24 | 2×2: 38 | 1×2: 323 | 1×1: 214

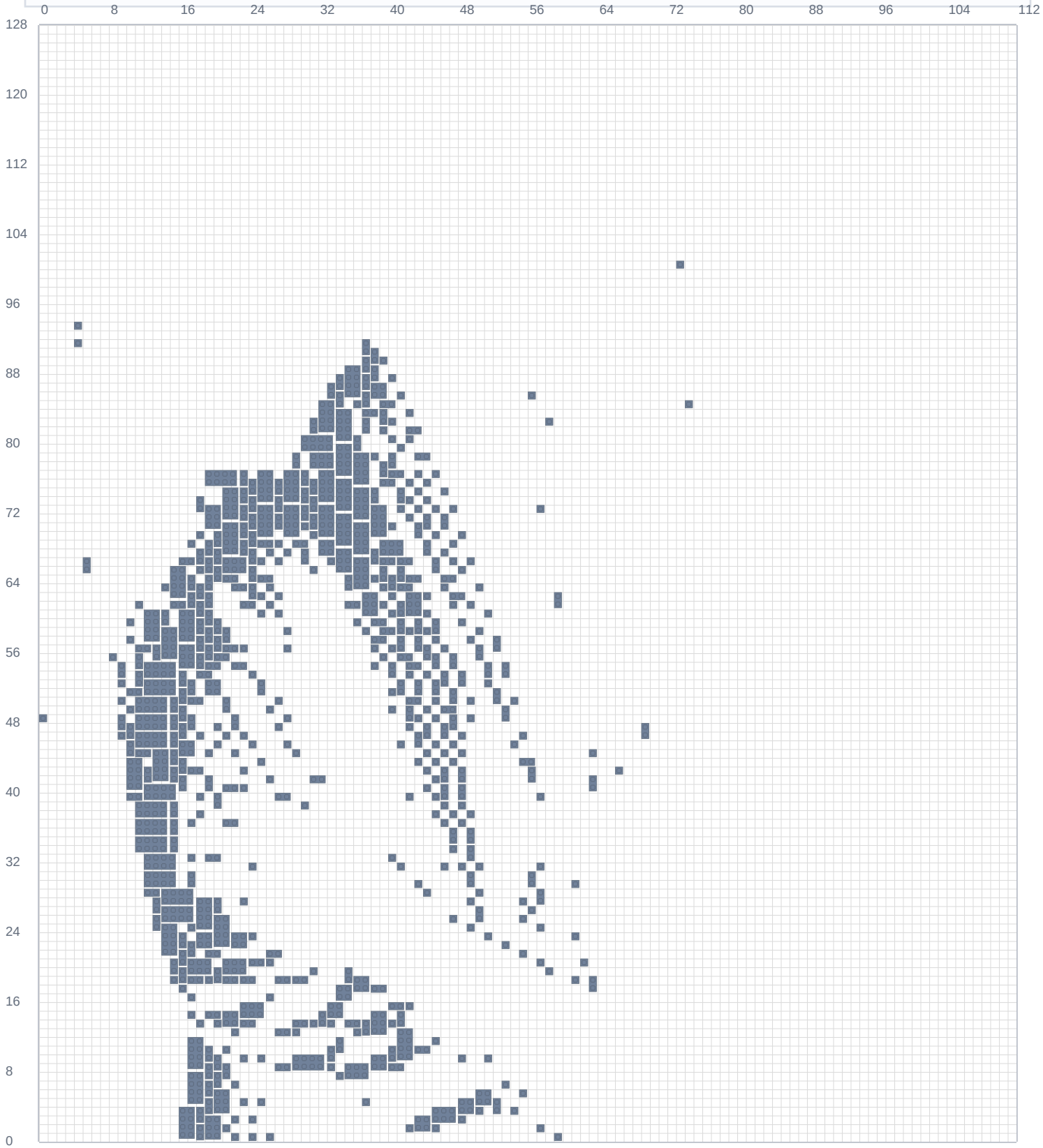


Layer 4 — Step 2 of 25

Color: Sand_Blue

This step needs:

2×4: 48 | 2×2: 30 | 1×2: 237 | 1×1: 233



Layer 4 — Step 3 of 25

Color: Tan

This step needs:

2×4: 15 2×2: 34 1×2: 241 1×1: 205

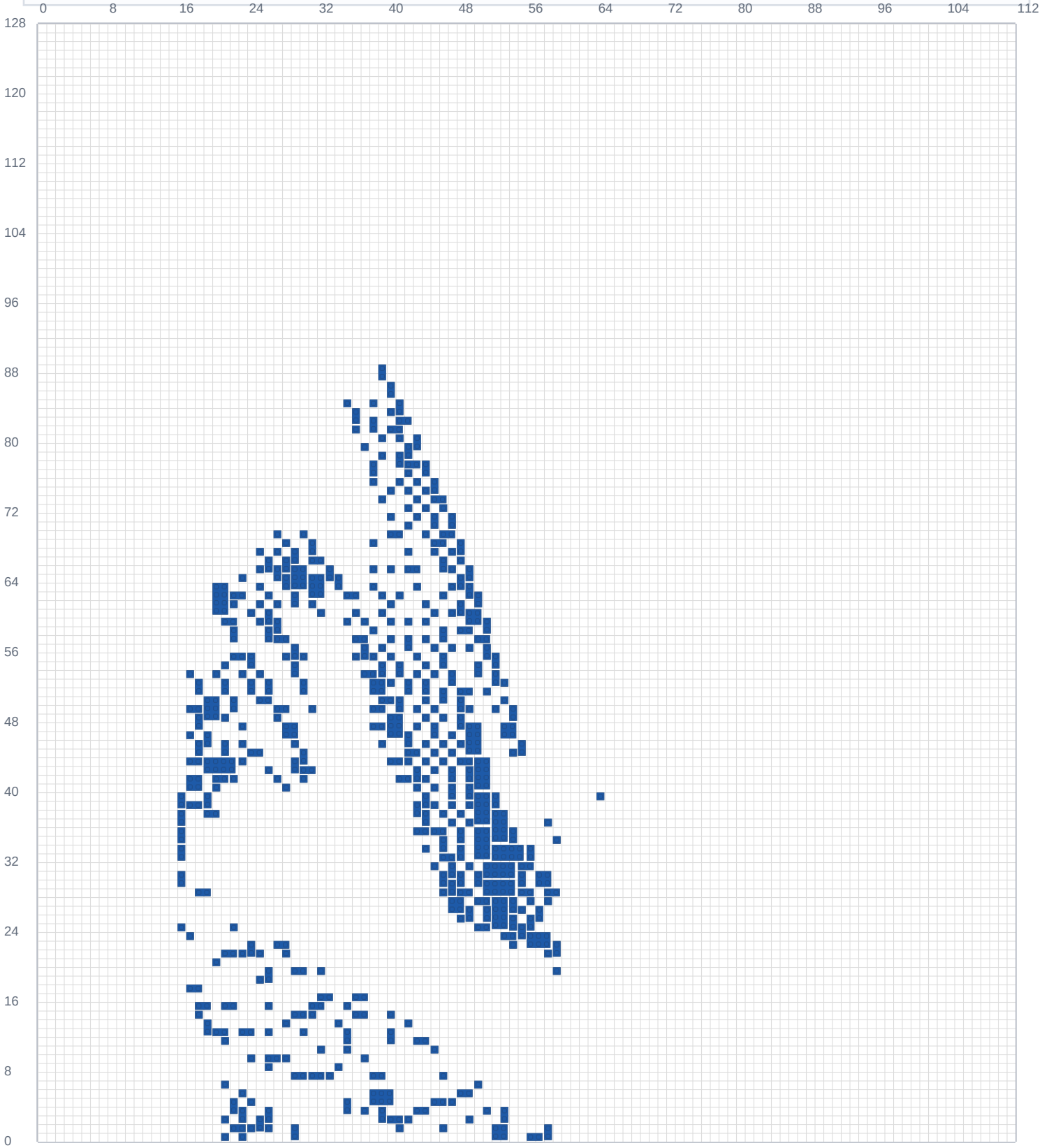


Layer 4 — Step 4 of 25

Color: Blue

This step needs:

2×4: 11 · 2×2: 14 · 1×2: 188 · 1×1: 194



Layer 4 — Step 5 of 25

Color: White

This step needs:

2×4: 16 2×2: 41 1×2: 194 1×1: 141



Layer 4 — Step 6 of 25

Color: Lavender

This step needs:

2×2: 5 1×2: 111 1×1: 248



Layer 4 — Step 7 of 25

Color: Medium_Tan

This step needs:

2×4: 7 2×2: 17 1×2: 144 1×1: 182

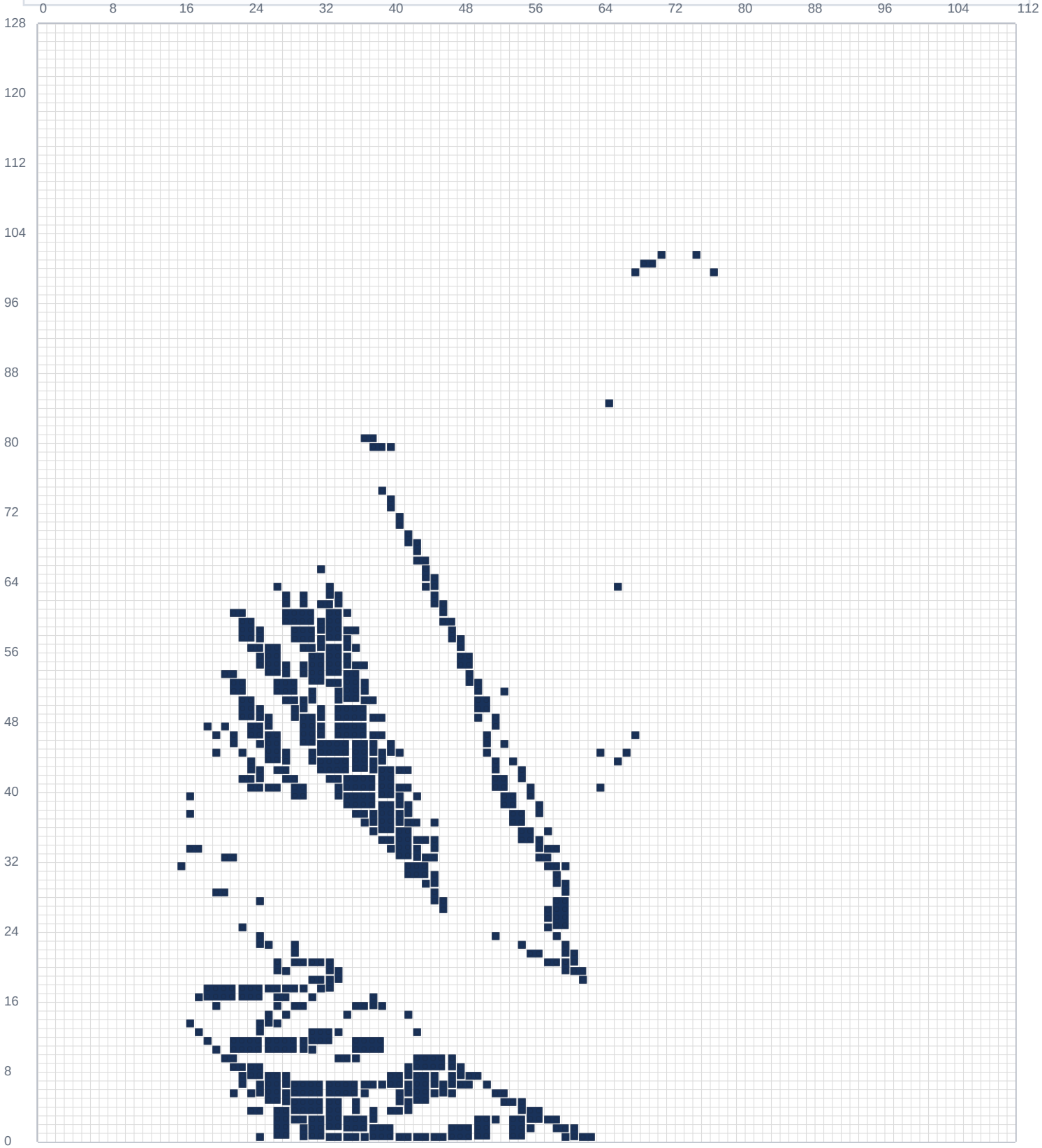


Layer 4 — Step 8 of 25

Color: Dark_Blue

This step needs:

2×4: 31 · 2×2: 25 · 1×2: 159 · 1×1: 81



Layer 4 — Step 9 of 25

Color: Dark_Tan

This step needs:

2×4: 3 2×2: 8 1×2: 74 1×1: 126



Layer 4 — Step 10 of 25

Color: Medium_Brown

This step needs:

2×2: 7 1×2: 62 1×1: 142

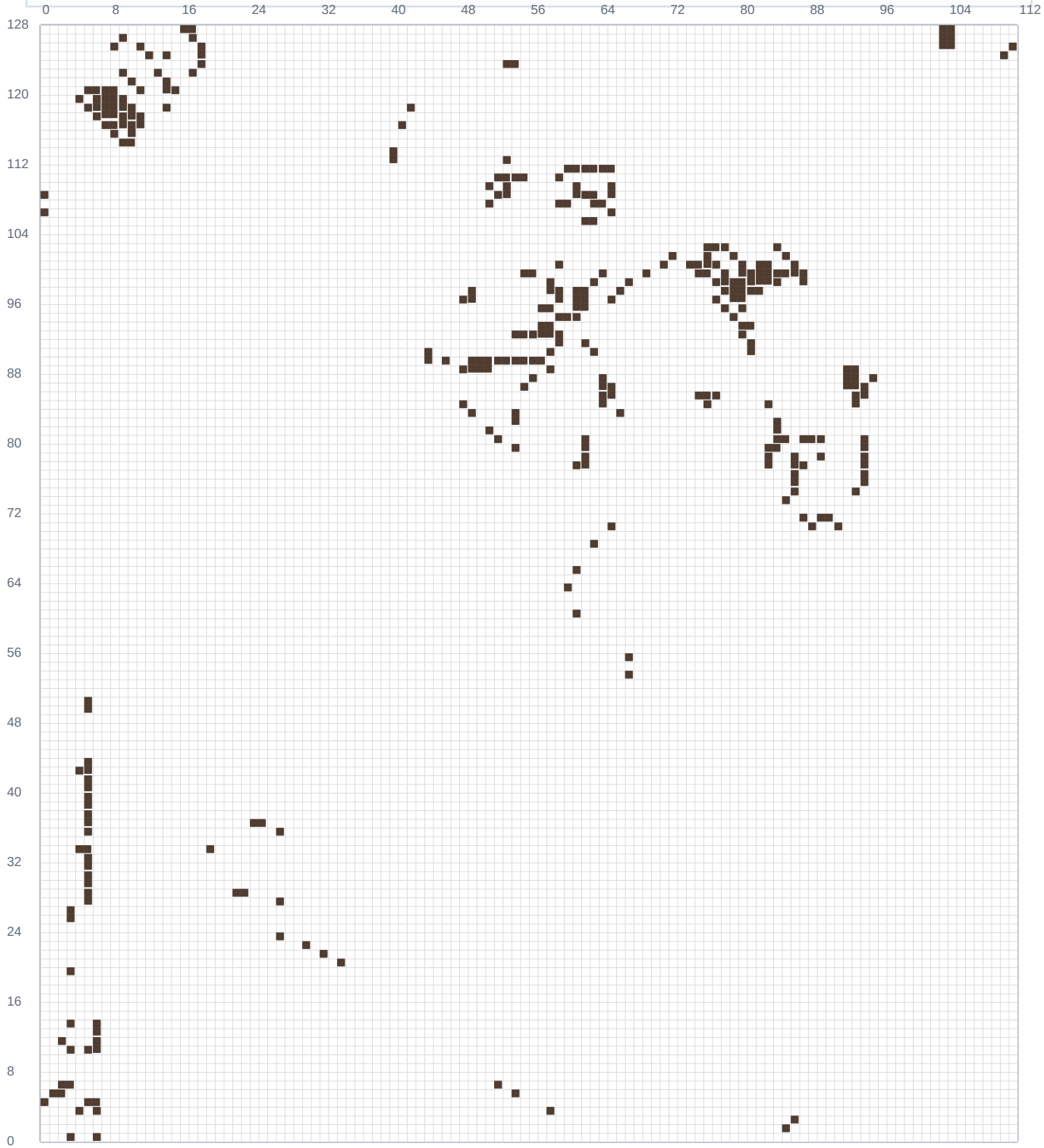


Layer 4 — Step 11 of 25

Color: Umber_Brown

This step needs:

2×4: 1 · 2×2: 7 · 1×2: 88 · 1×1: 114

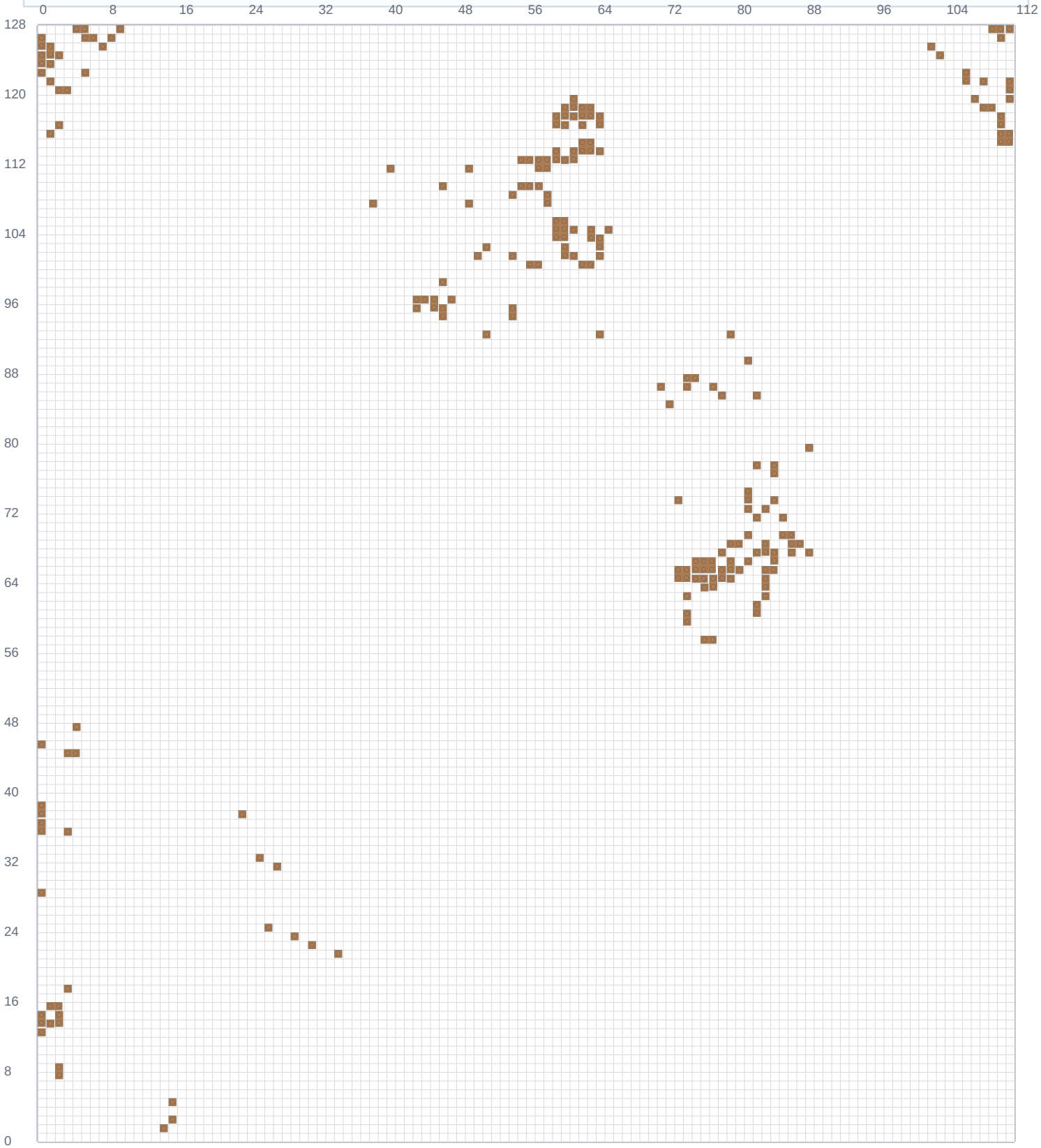


Layer 4 — Step 12 of 25

Color: Medium_Nougat

This step needs:

2×2: 7 1×2: 53 1×1: 85



Layer 4 — Step 13 of 25

Color: Dark_Brown

This step needs:

2×4: 23 2×2: 9 1×2: 63 1×1: 47

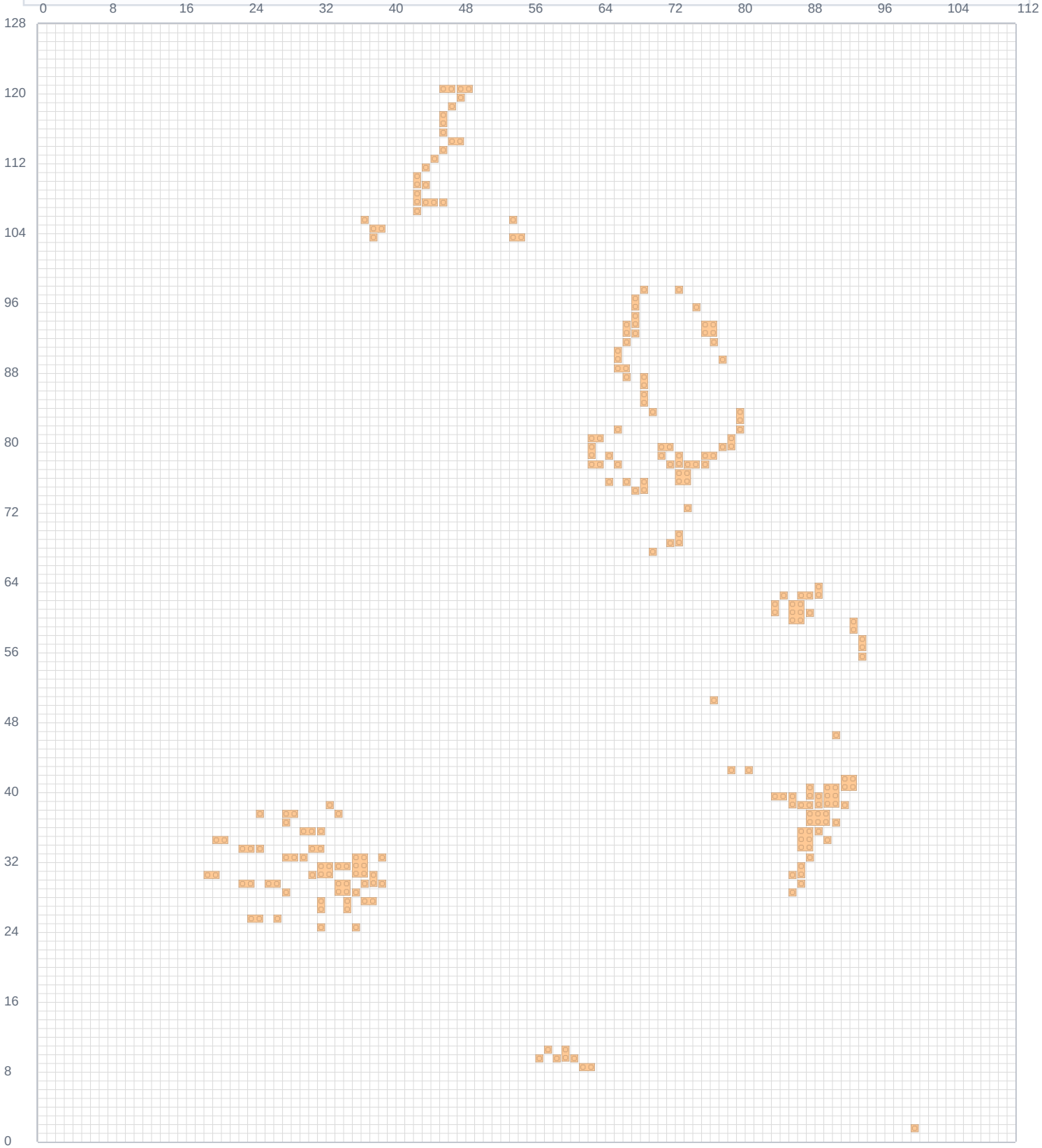


Layer 4 — Step 14 of 25

Color: Light_Nougat

This step needs:

2×2: 10 1×2: 55 1×1: 71

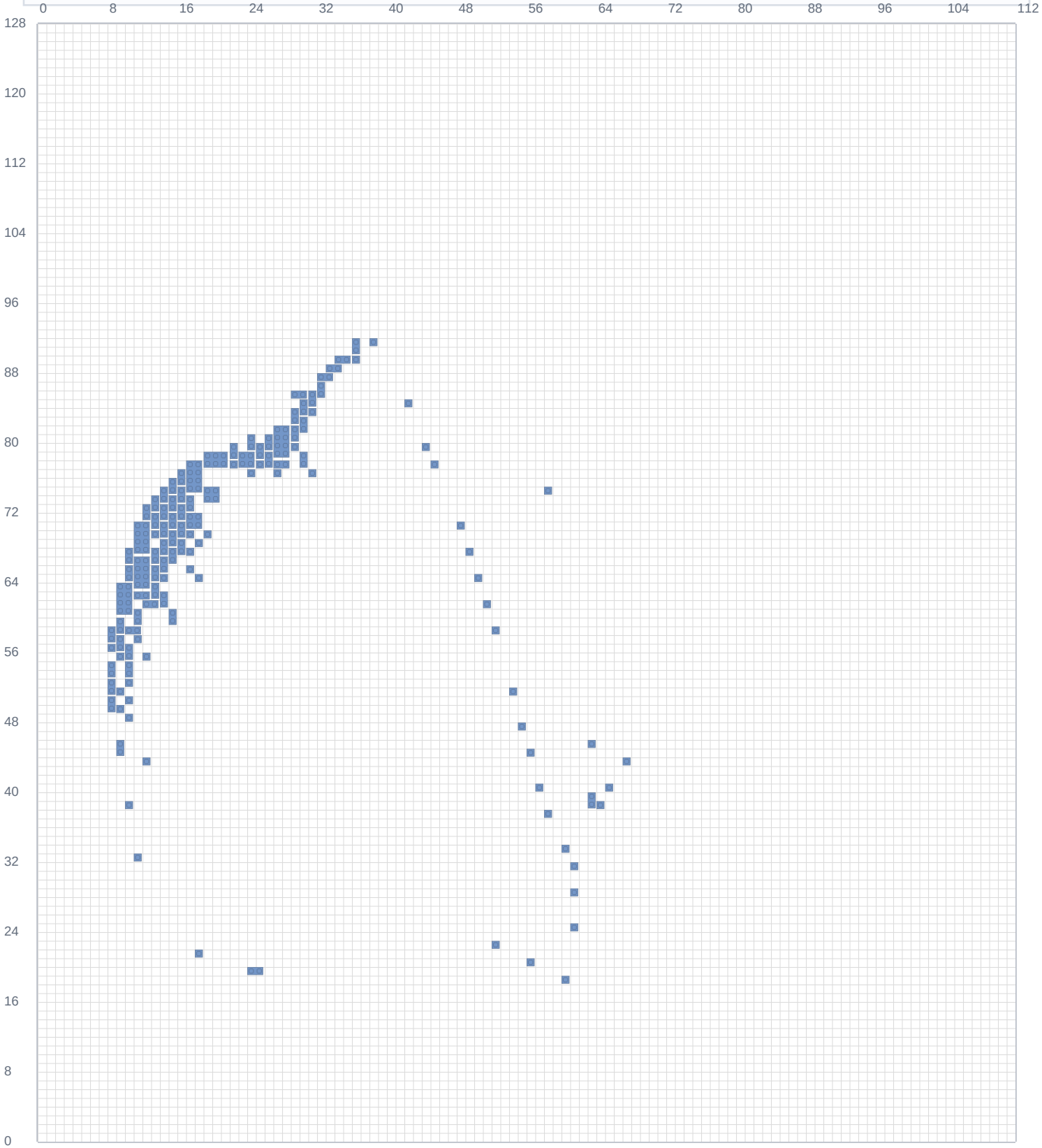


Layer 4 — Step 15 of 25

Color: Medium_Blue

This step needs:

2×4: 5 · 2×2: 4 · 1×2: 59 · 1×1: 55

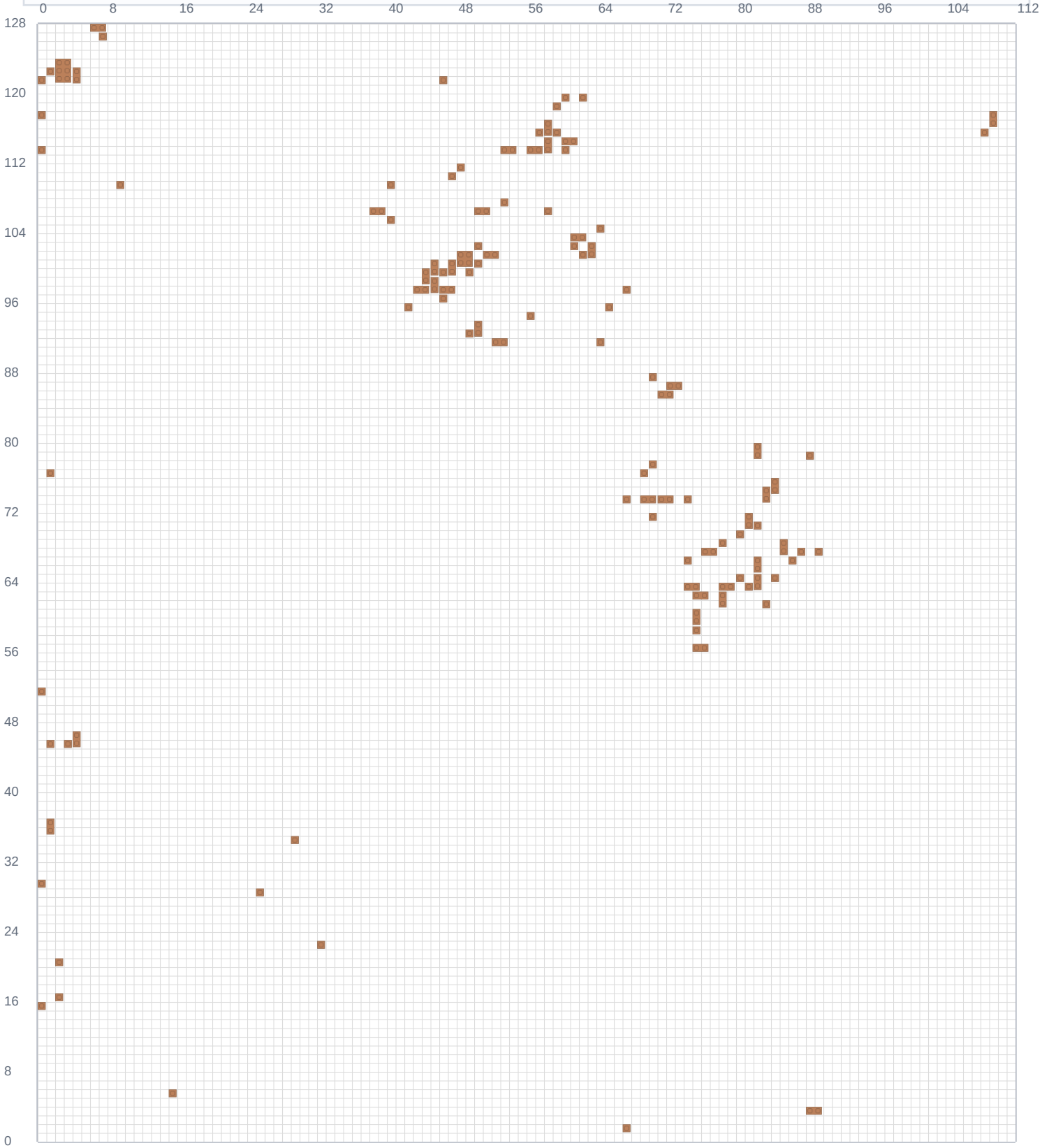


Layer 4 — Step 16 of 25

Color: Nougat

This step needs:

2×2: 2 1×2: 42 1×1: 66

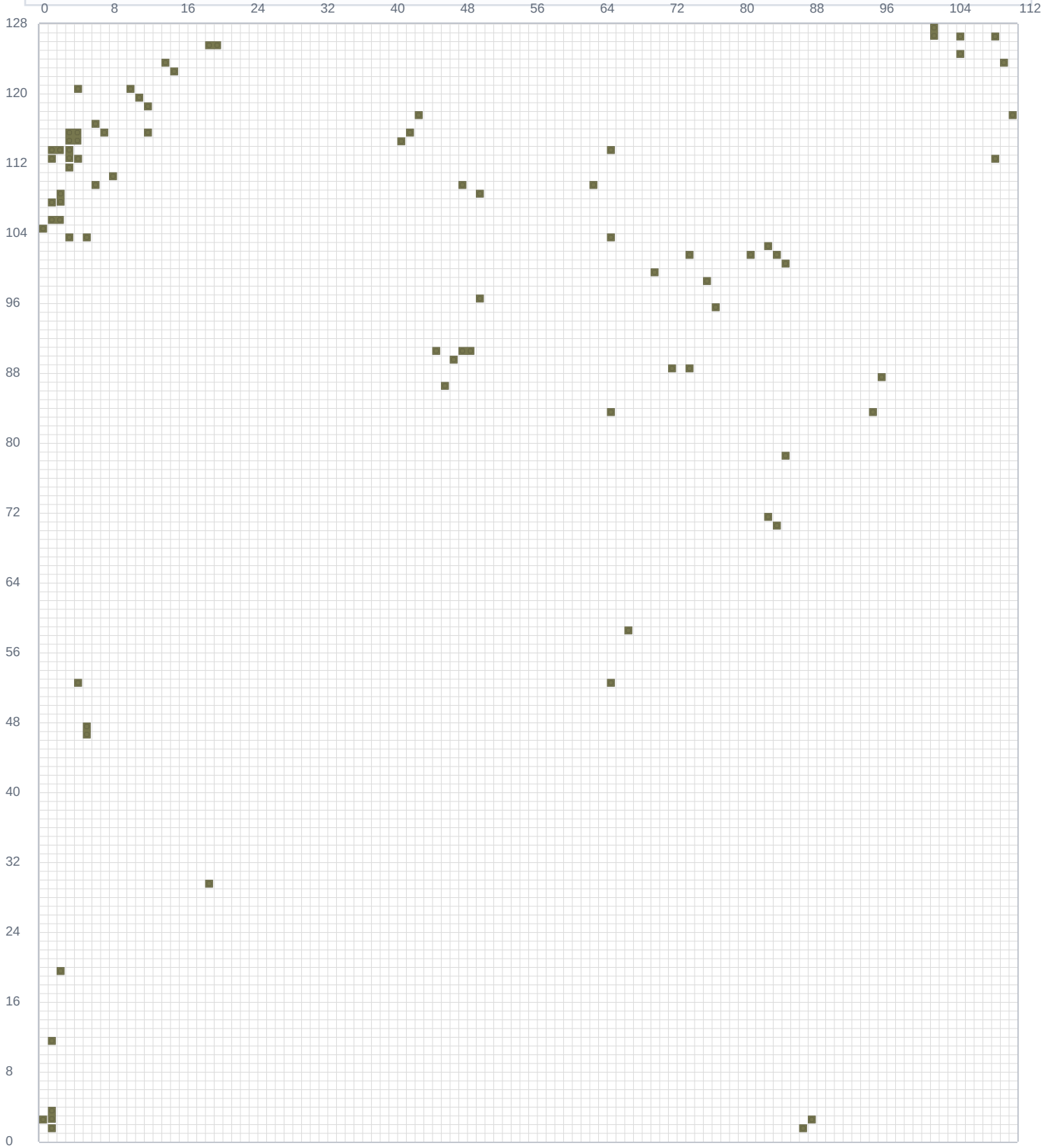


Layer 4 — Step 17 of 25

Color: Olive_Green

This step needs:

2×2: 1 1×2: 9 1×1: 62

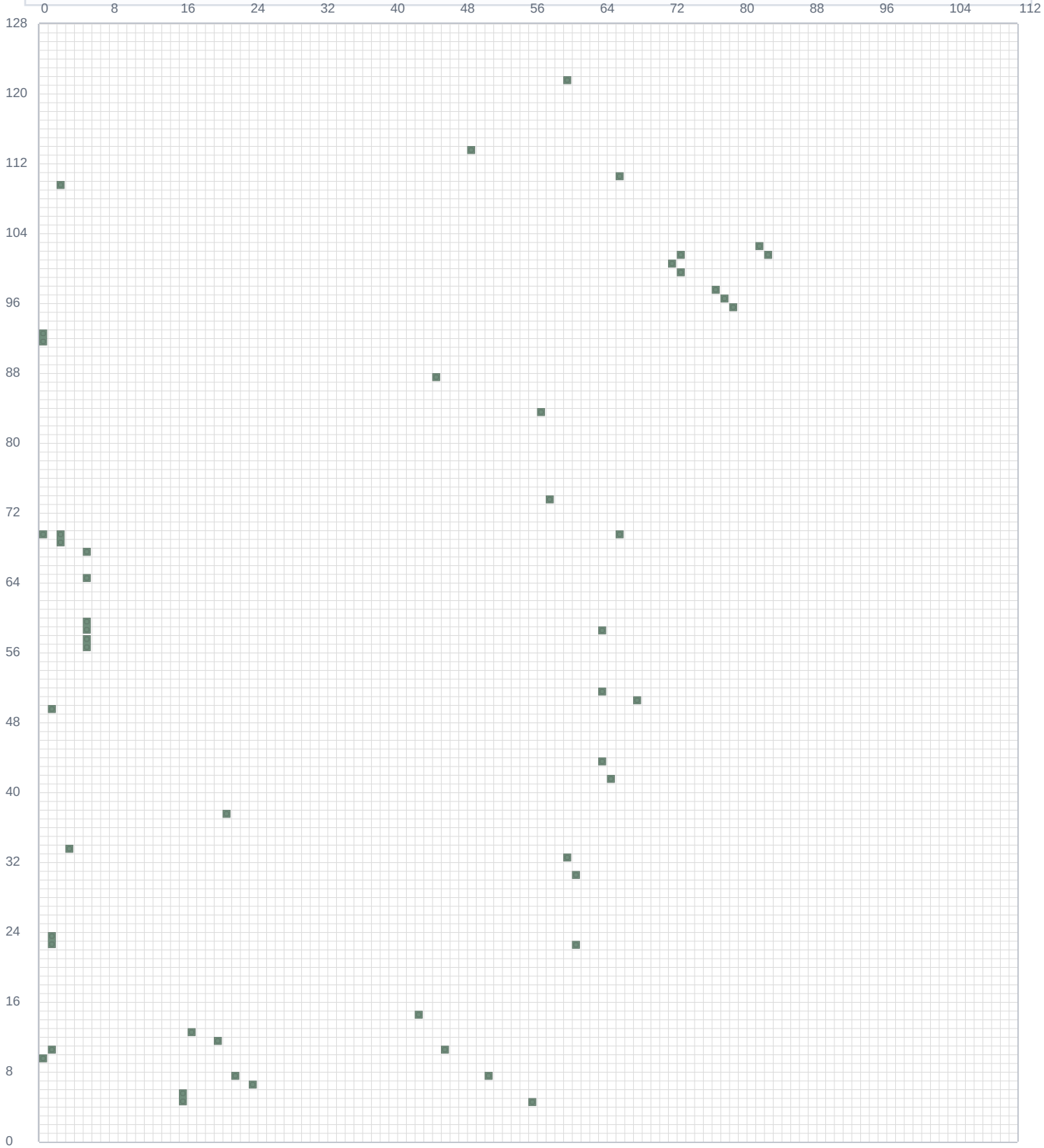


Layer 4 — Step 18 of 25

Color: Sand_Green

This step needs:

1×2: 6 1×1: 40

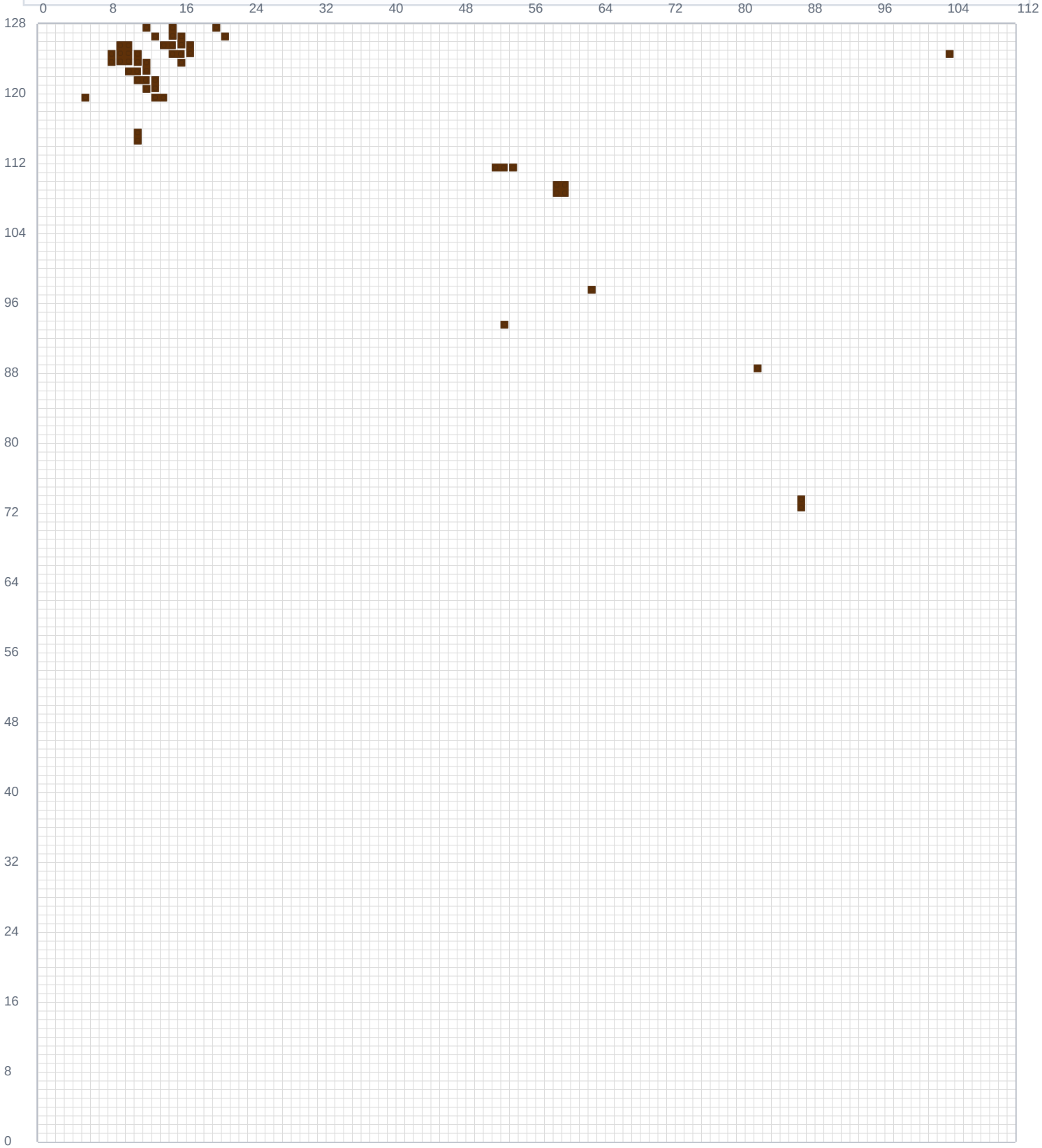


Layer 4 — Step 19 of 25

Color: Reddish_Brown

This step needs:

2×2: 2 1×2: 15 1×1: 12

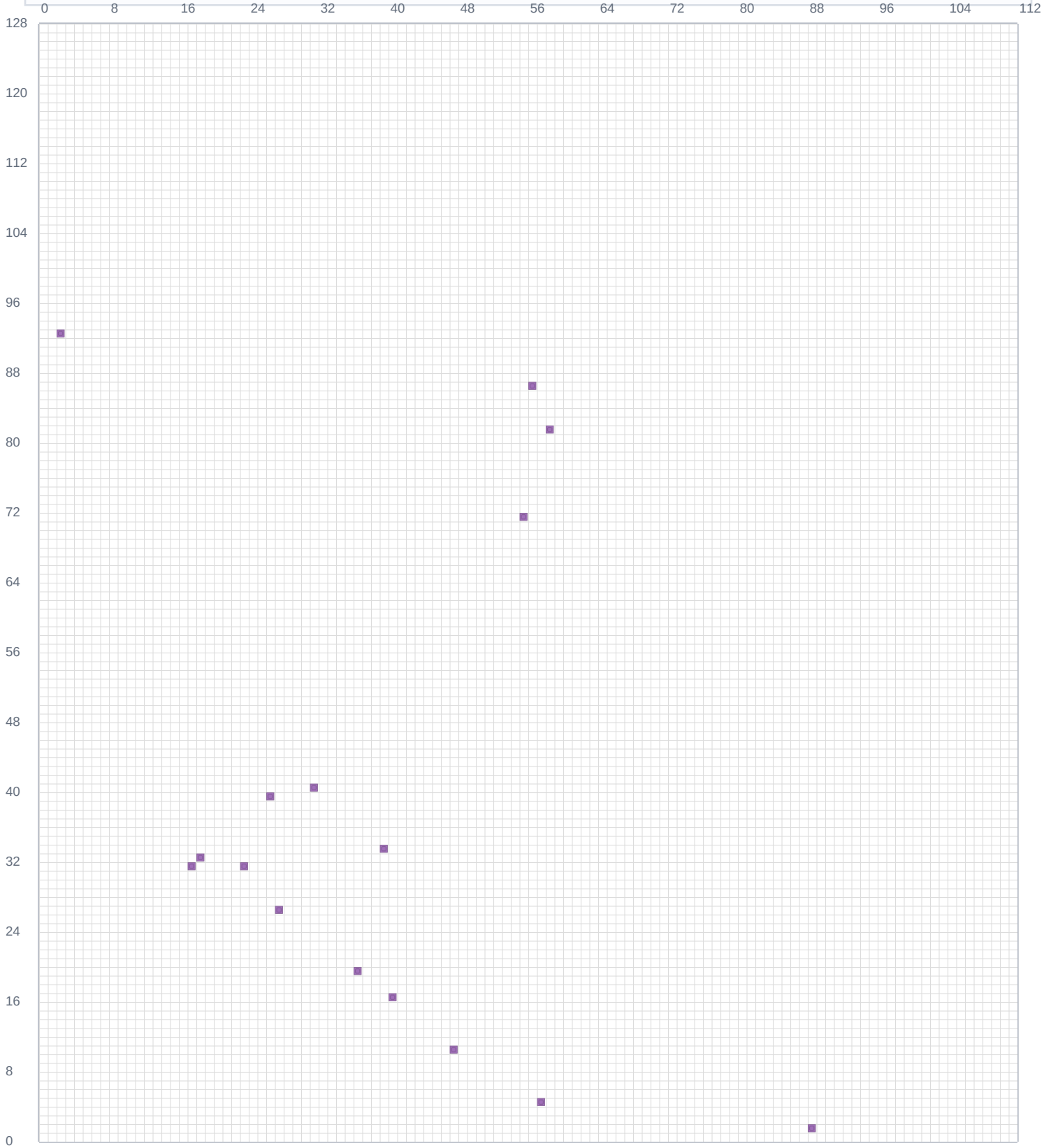


Layer 4 — Step 20 of 25

Color: Medium_Lavender

This step needs:

- 1×1: 16

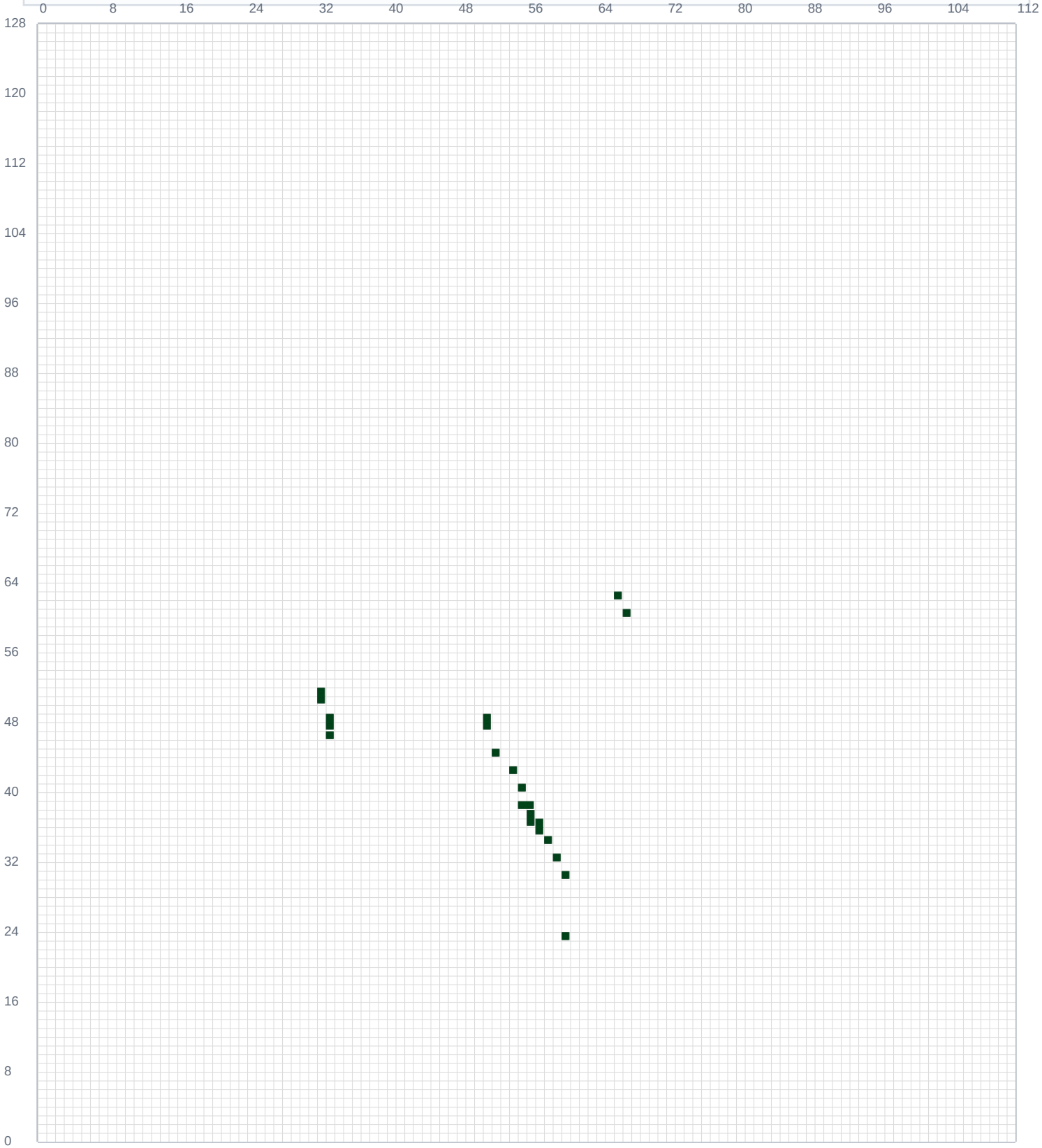


Layer 4 — Step 21 of 25

Color: Dark_Green

This step needs:

1×2: 6 1×1: 10

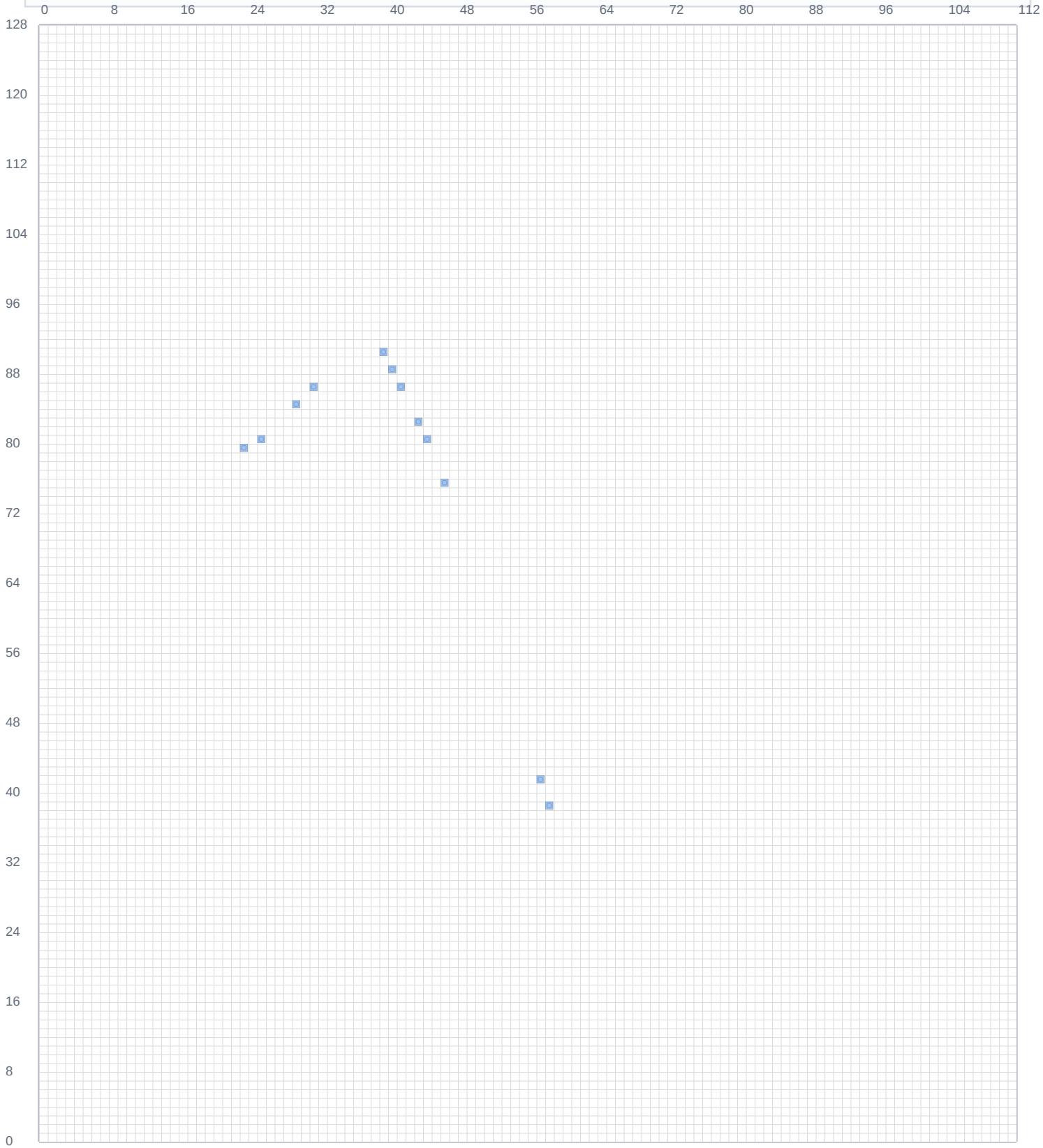


Layer 4 — Step 22 of 25

Color: Bright_Light_Blue

This step needs:

- 1×1: 12



Layer 4 — Step 23 of 25

Color: Dark_Orange

This step needs:

1×2: 3 1×1: 4

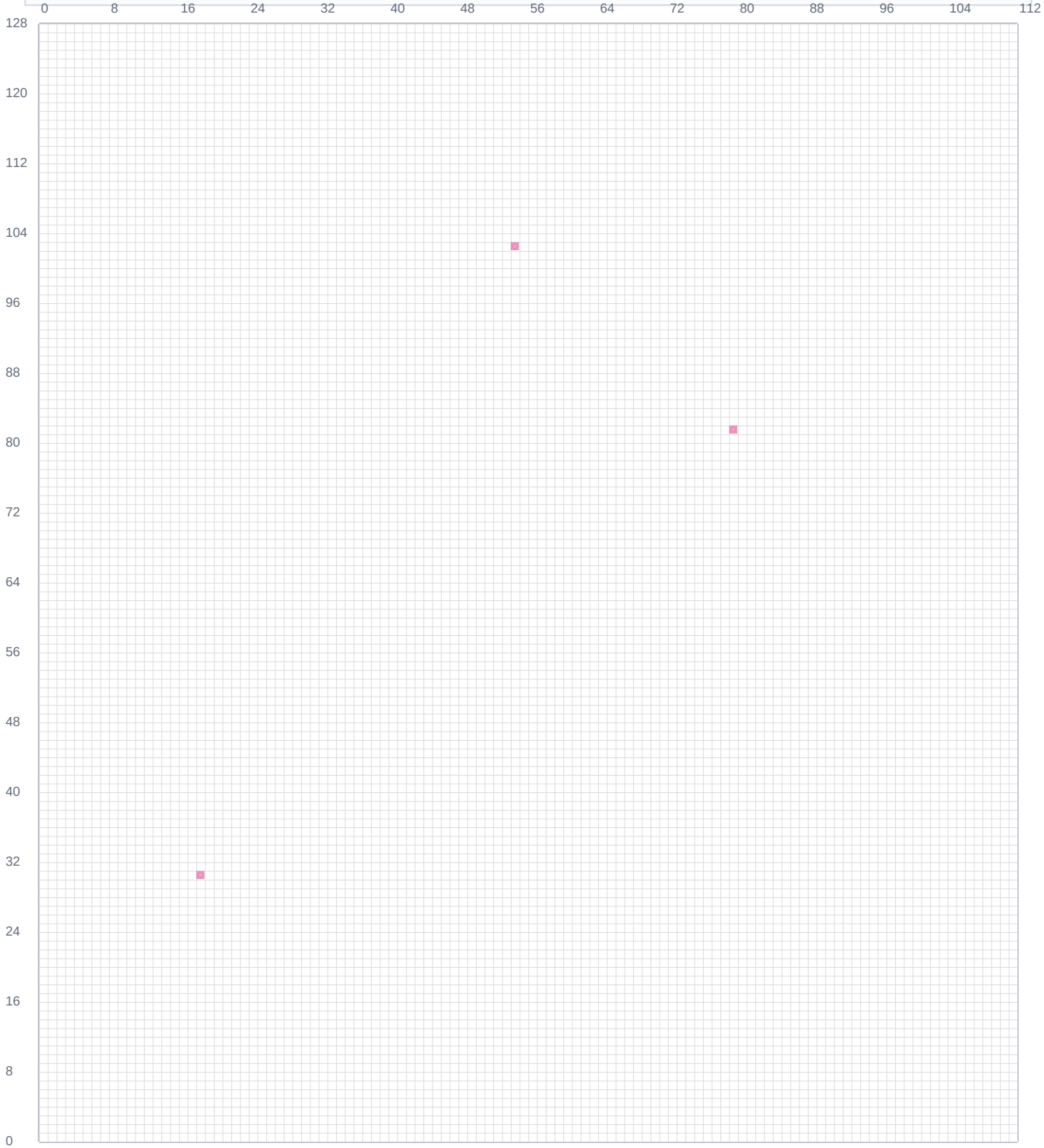


Layer 4 — Step 24 of 25

Color: Bright_Pink

This step needs:

- 1×1: 3

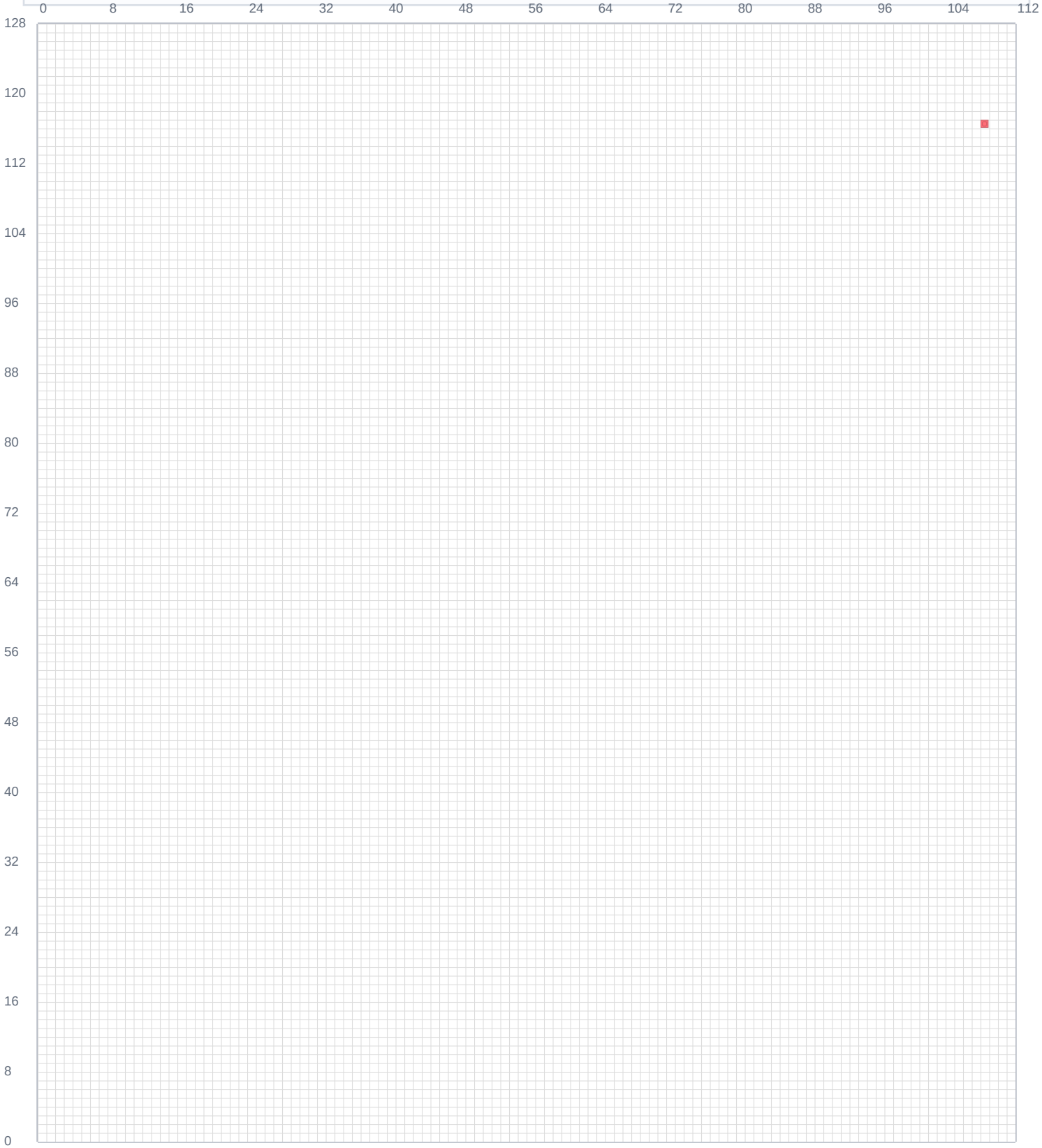


Layer 4 — Step 25 of 25

Color: Coral

This step needs:

- 1×1: 1

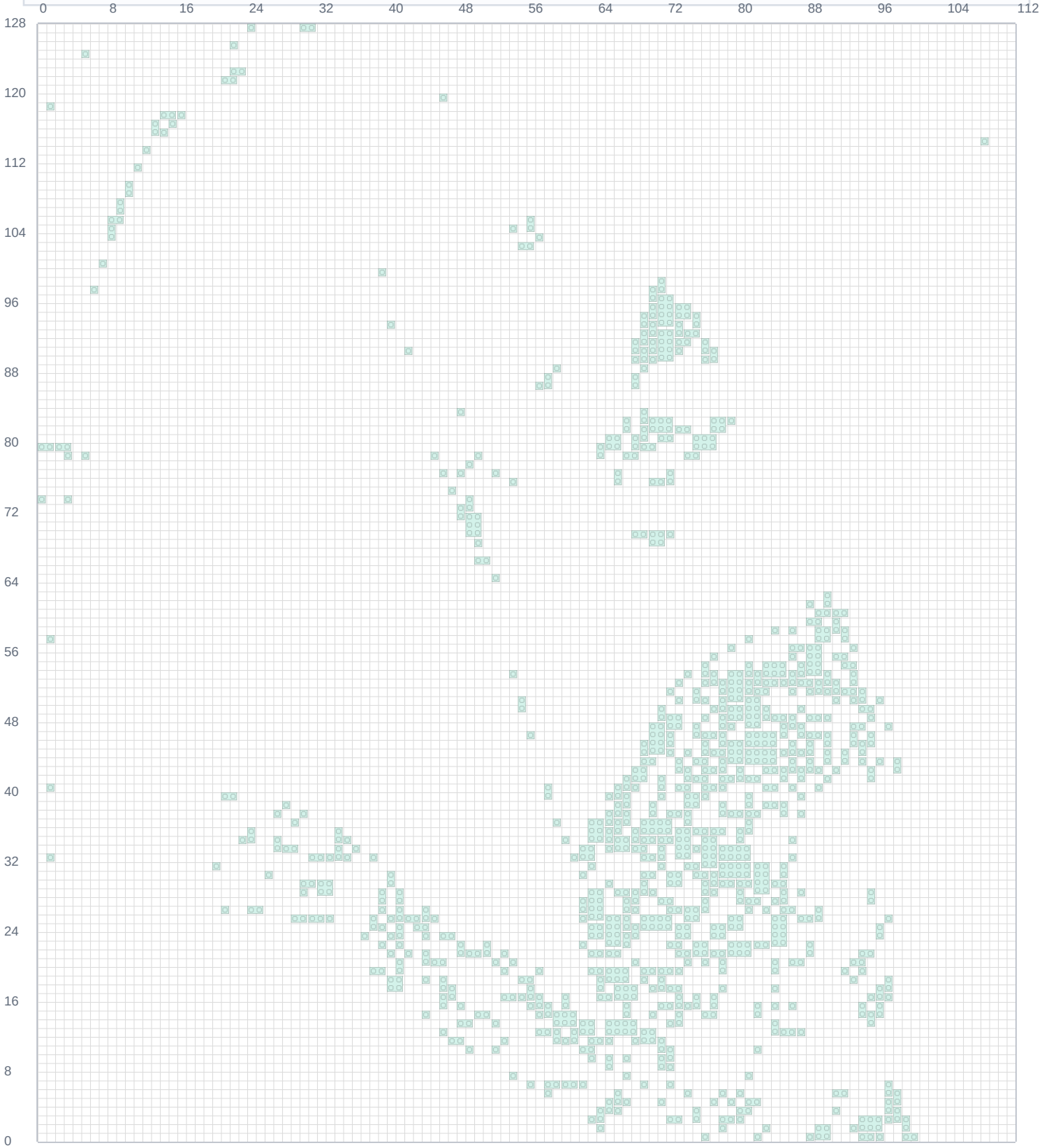


Layer 5 — Step 1 of 25

Color: Light_Aqua

This step needs:

2×4: 19 2×2: 34 1×2: 280 1×1: 210

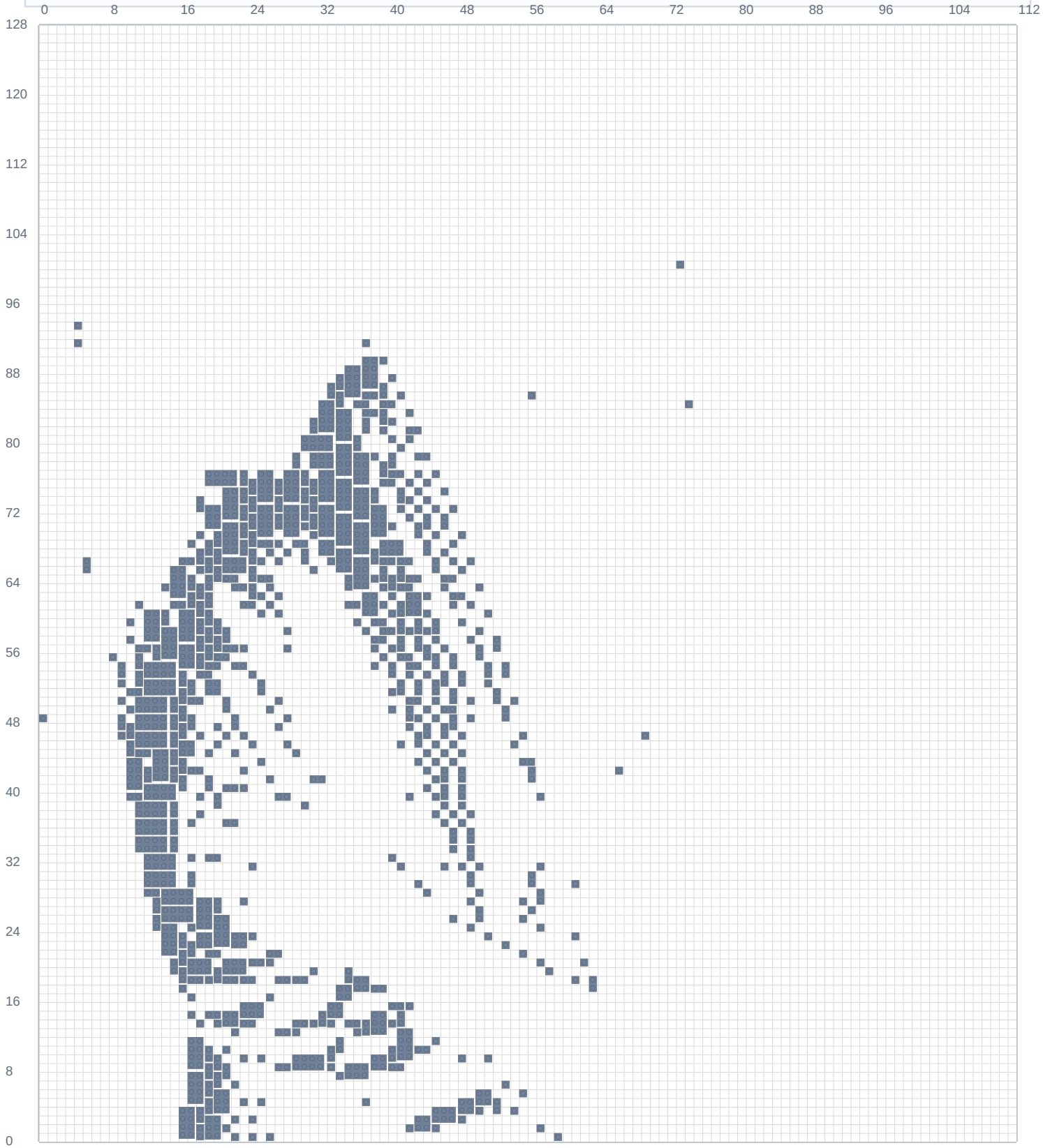


Layer 5 — Step 2 of 25

Color: Sand_Blue

This step needs:

2×4: 49 | 2×2: 29 | 1×2: 231 | 1×1: 230



Layer 5 — Step 3 of 25

Color: Tan

This step needs:

2×4: 14 2×2: 34 1×2: 234 1×1: 210

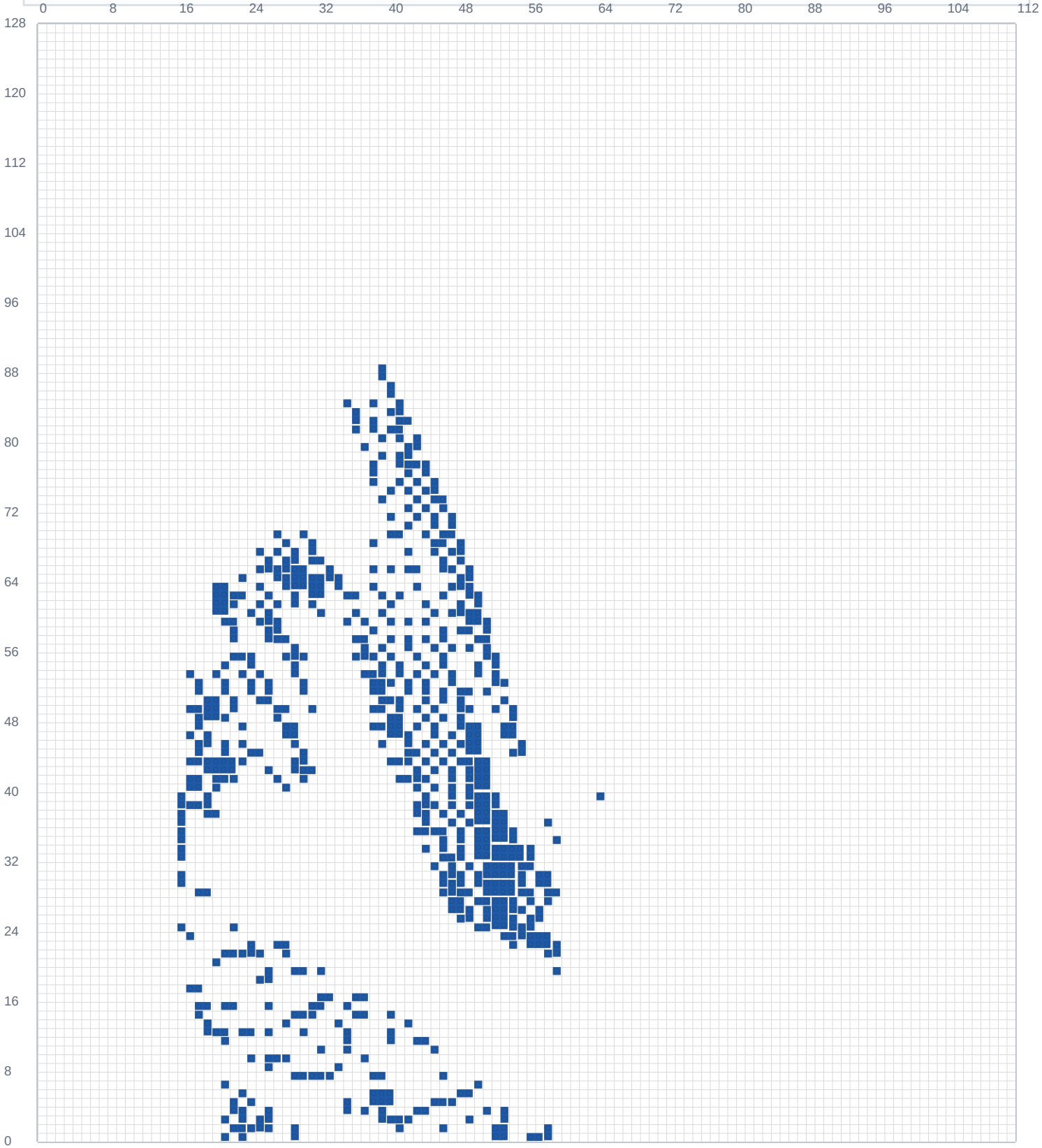


Layer 5 — Step 4 of 25

Color: Blue

This step needs:

2×4: 11 · 2×2: 14 · 1×2: 188 · 1×1: 194



Layer 5 — Step 5 of 25

Color: White

This step needs:

2×4: 15 2×2: 36 1×2: 194 1×1: 135



Layer 5 — Step 6 of 25

Color: Lavender

This step needs:

2×2: 4 1×2: 102 1×1: 237



Layer 5 — Step 7 of 25

Color: Medium_Tan

This step needs:

2×4: 4 | 2×2: 16 | 1×2: 139 | 1×1: 182

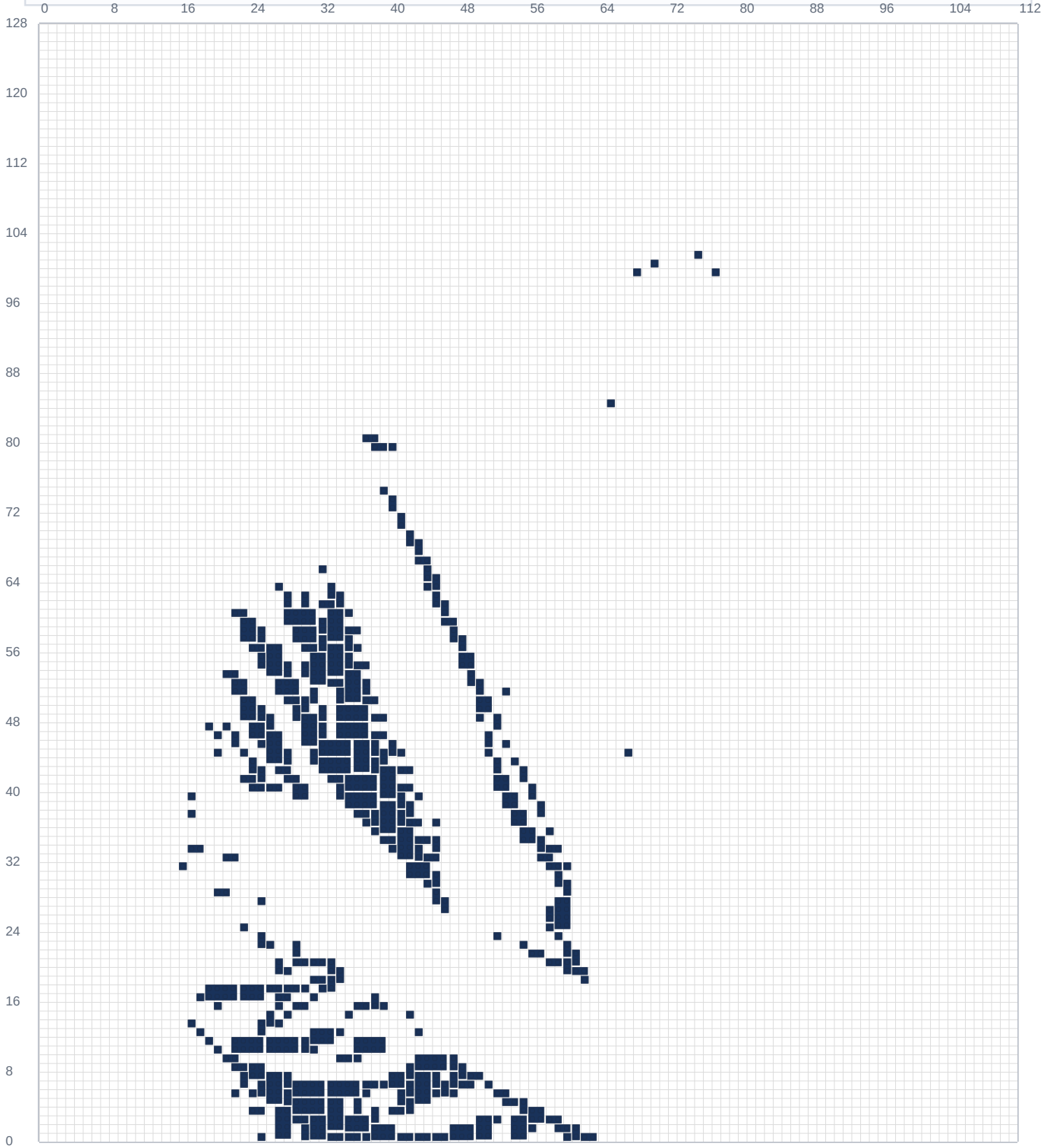


Layer 5 — Step 8 of 25

Color: Dark_Blue

This step needs:

2×4: 31 | 2×2: 25 | 1×2: 158 | 1×1: 76



Layer 5 — Step 9 of 25

Color: Dark_Tan

This step needs:

2×4: 3 2×2: 8 1×2: 68 1×1: 120



Layer 5 — Step 10 of 25

Color: Medium_Brown

This step needs:

2×2: 6 1×2: 56 1×1: 130

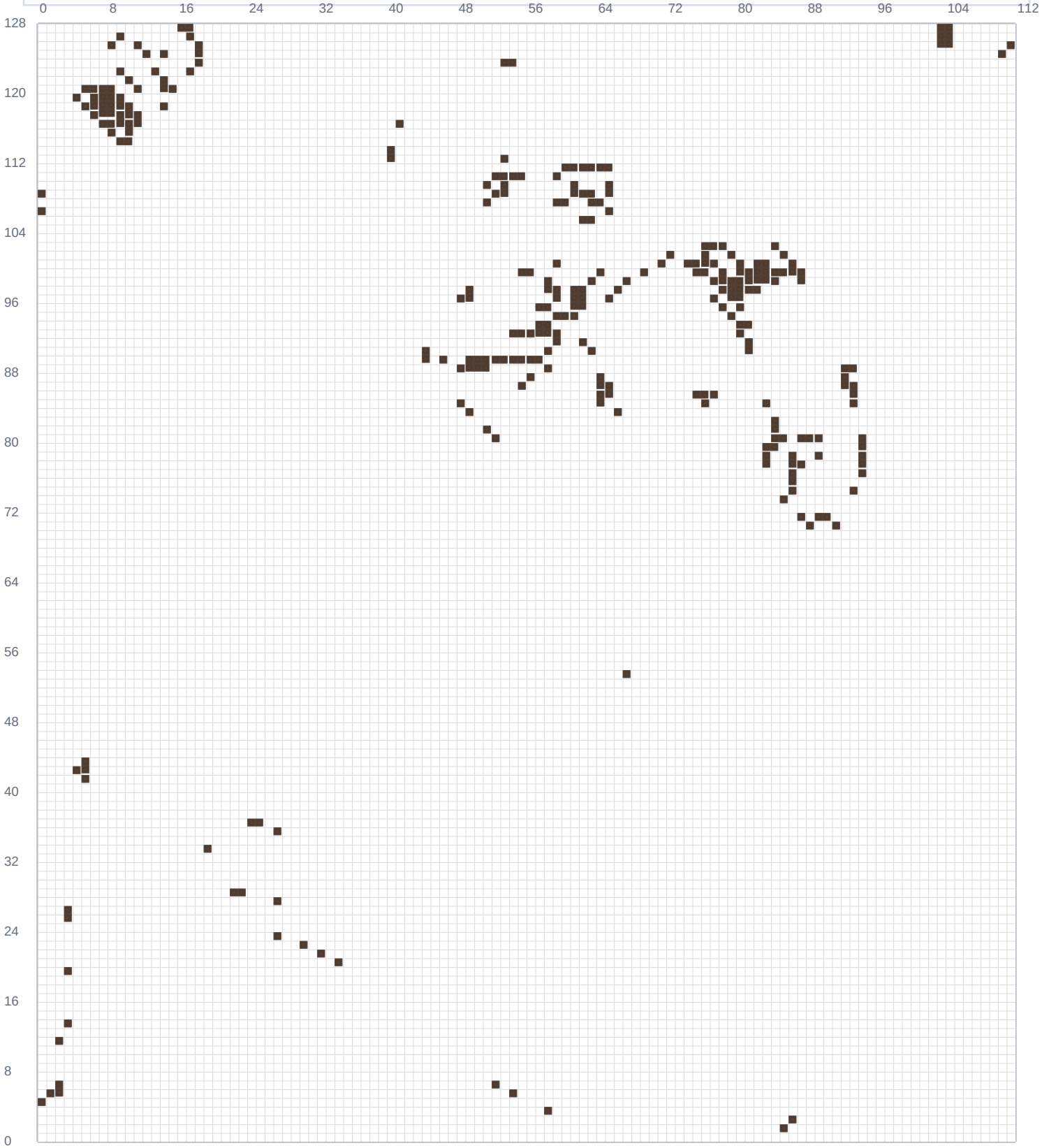


Layer 5 — Step 11 of 25

Color: Umber_Brown

This step needs:

2×4: 1 · 2×2: 6 · 1×2: 73 · 1×1: 101

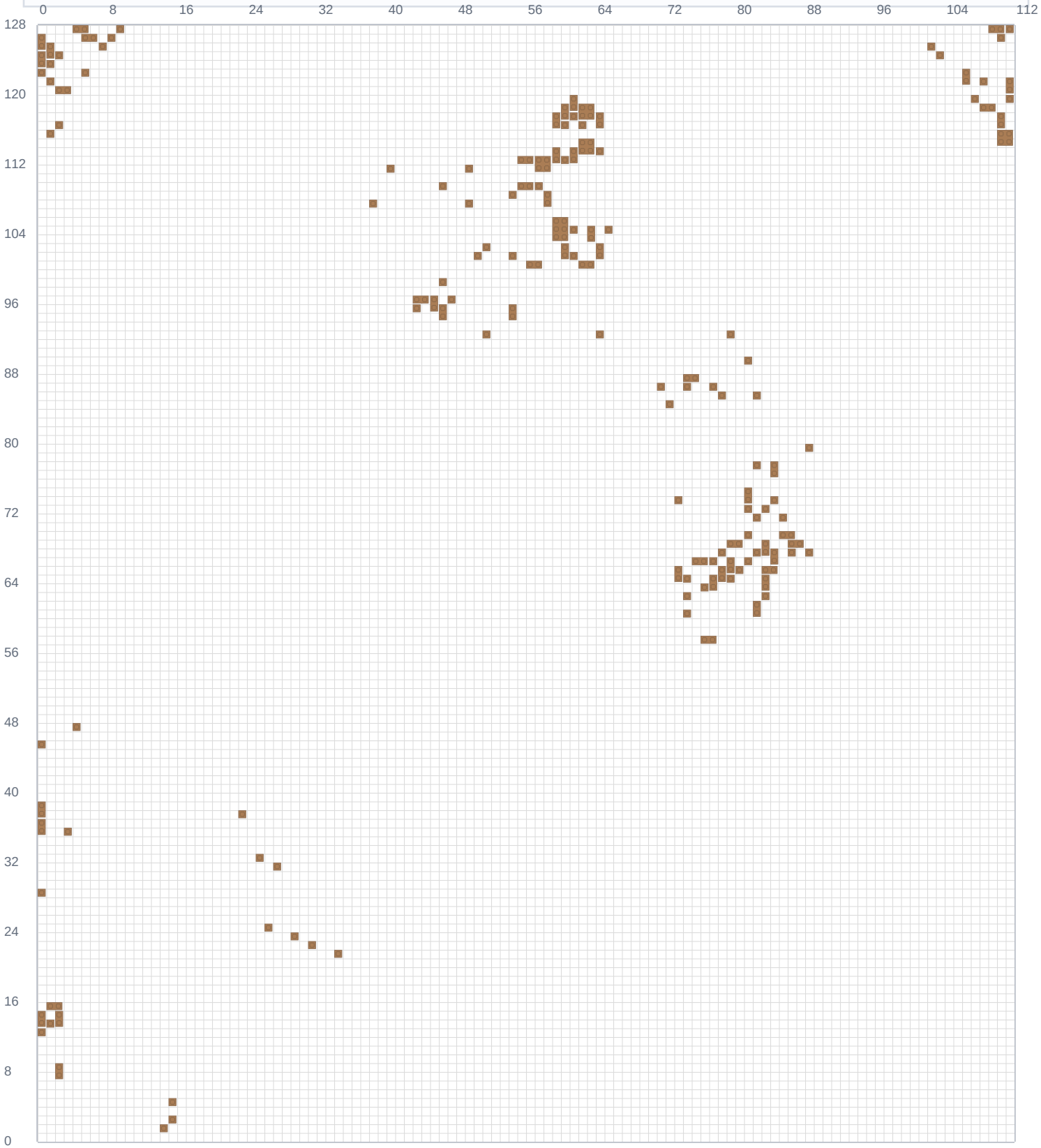


Layer 5 — Step 12 of 25

Color: Medium_Nougat

This step needs:

2×2: 5 1×2: 52 1×1: 86

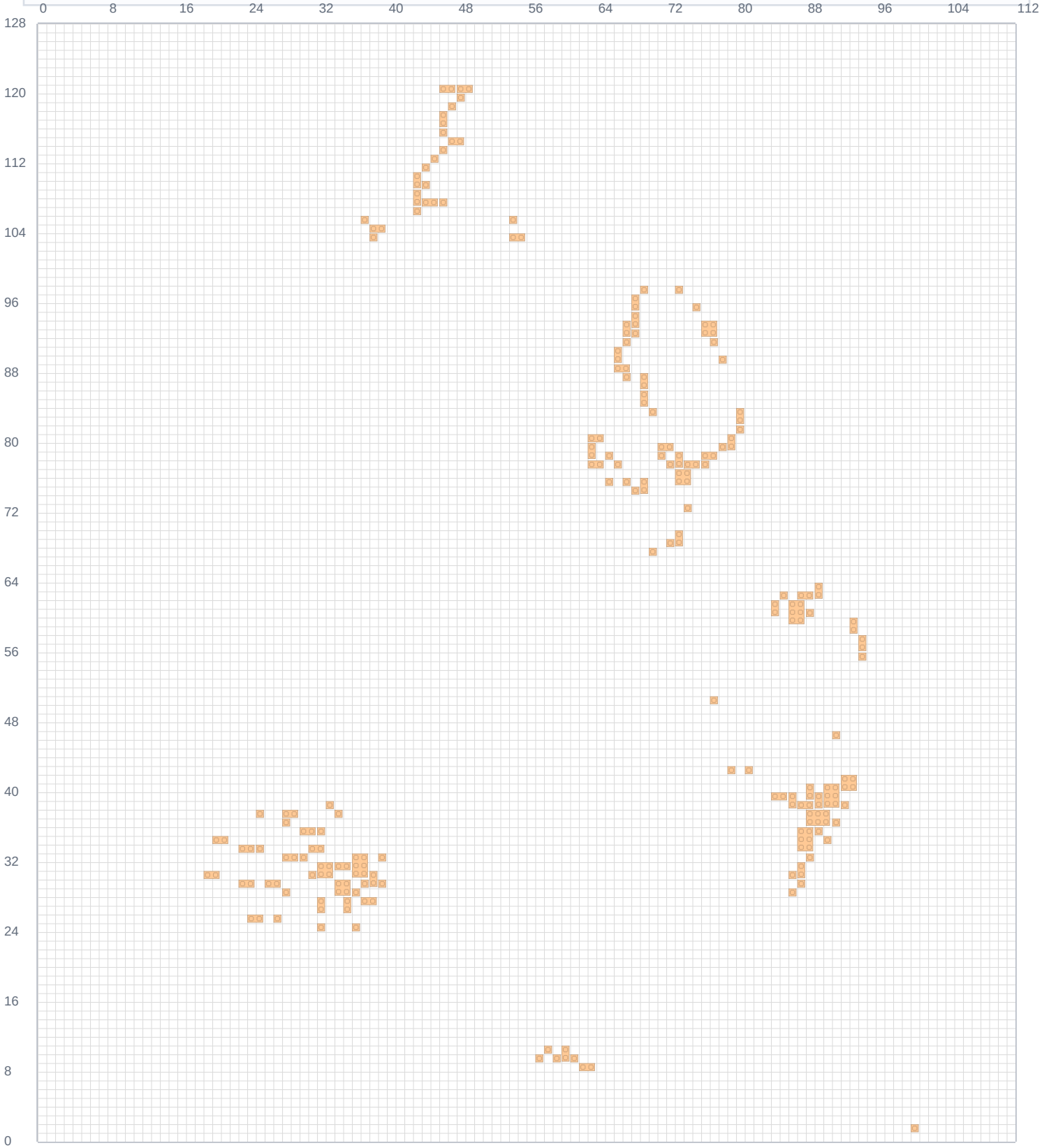


Layer 5 — Step 13 of 25

Color: Light_Nougat

This step needs:

2×2: 10 1×2: 55 1×1: 70



Layer 5 — Step 14 of 25

Color: Dark_Brown

This step needs:

2×4: 19 2×2: 10 1×2: 55 1×1: 42

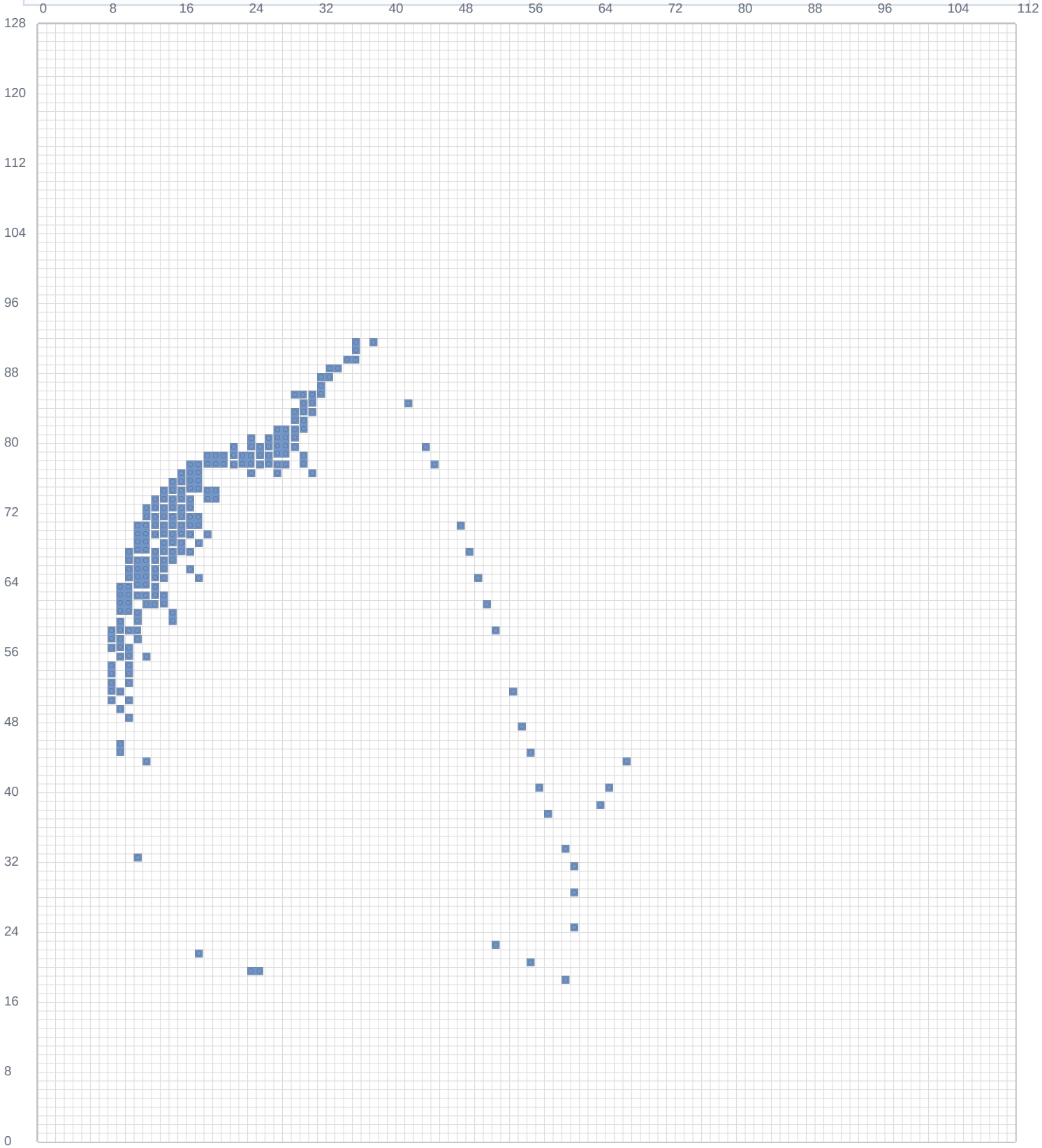


Layer 5 — Step 15 of 25

Color: Medium_Blue

This step needs:

2×4: 5 · 2×2: 4 · 1×2: 57 · 1×1: 52

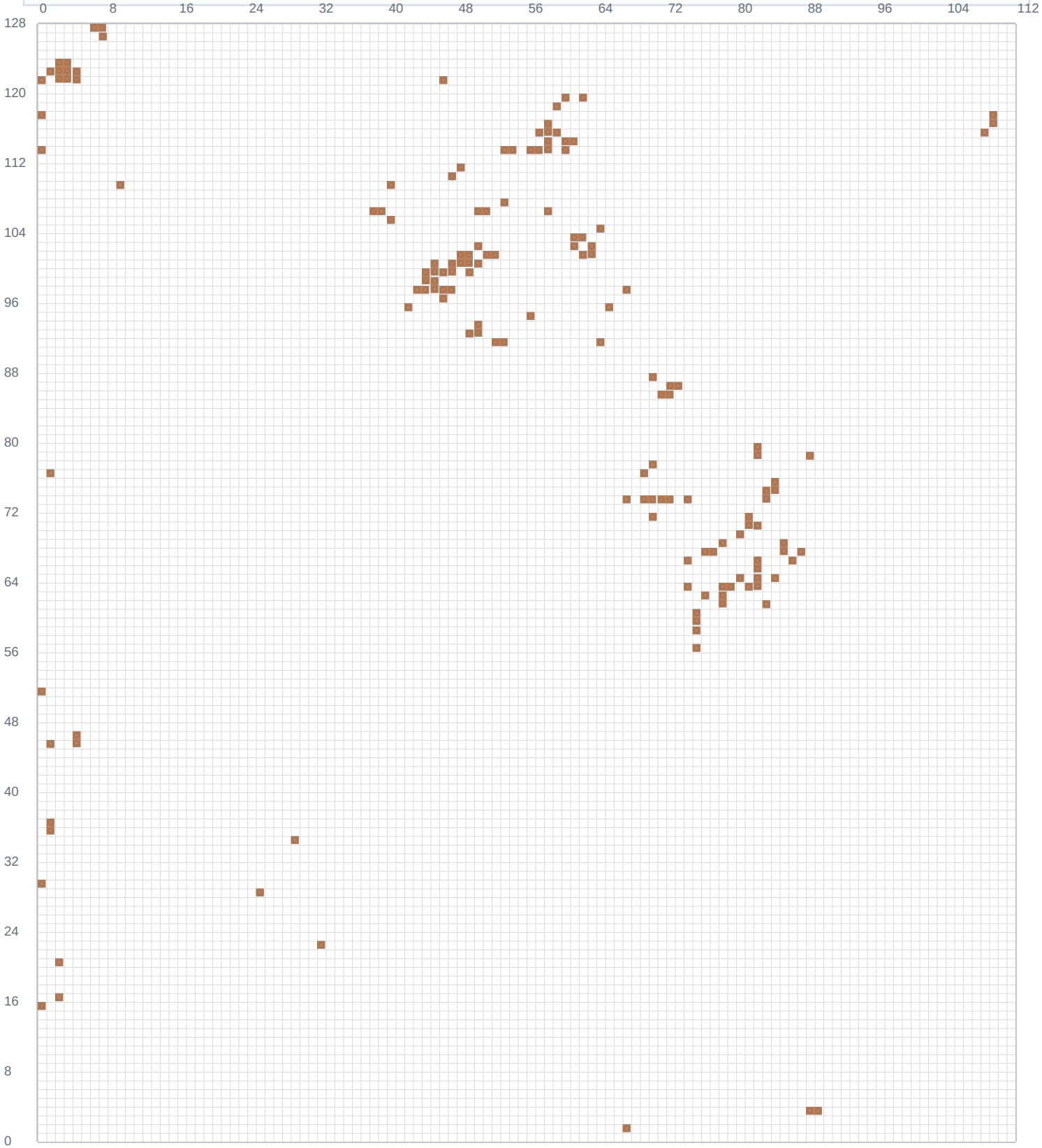


Layer 5 — Step 16 of 25

Color: Nougat

This step needs:

2×2: 2 1×2: 39 1×1: 66

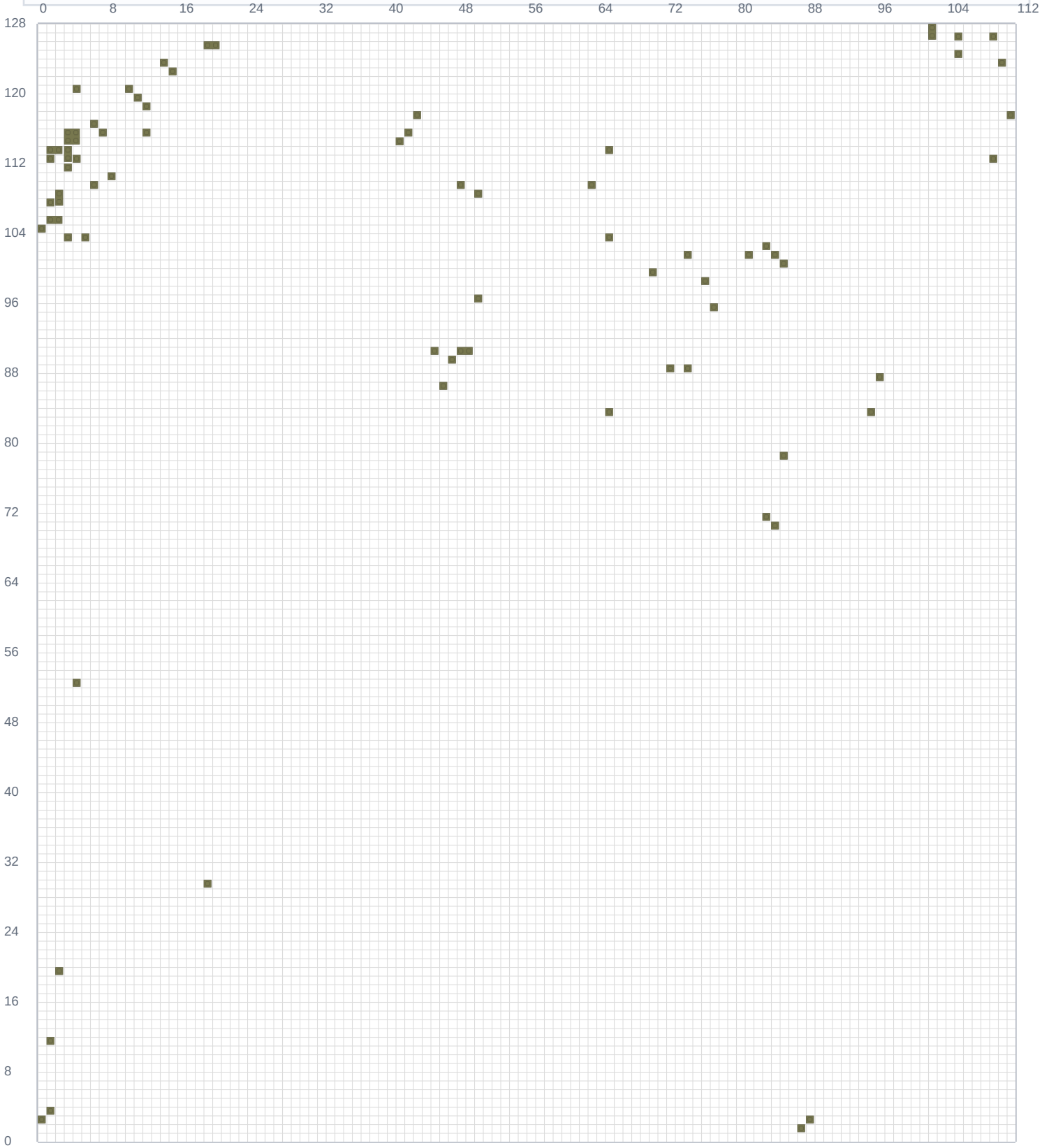


Layer 5 — Step 17 of 25

Color: Olive_Green

This step needs:

2×2: 1 1×2: 7 1×1: 60

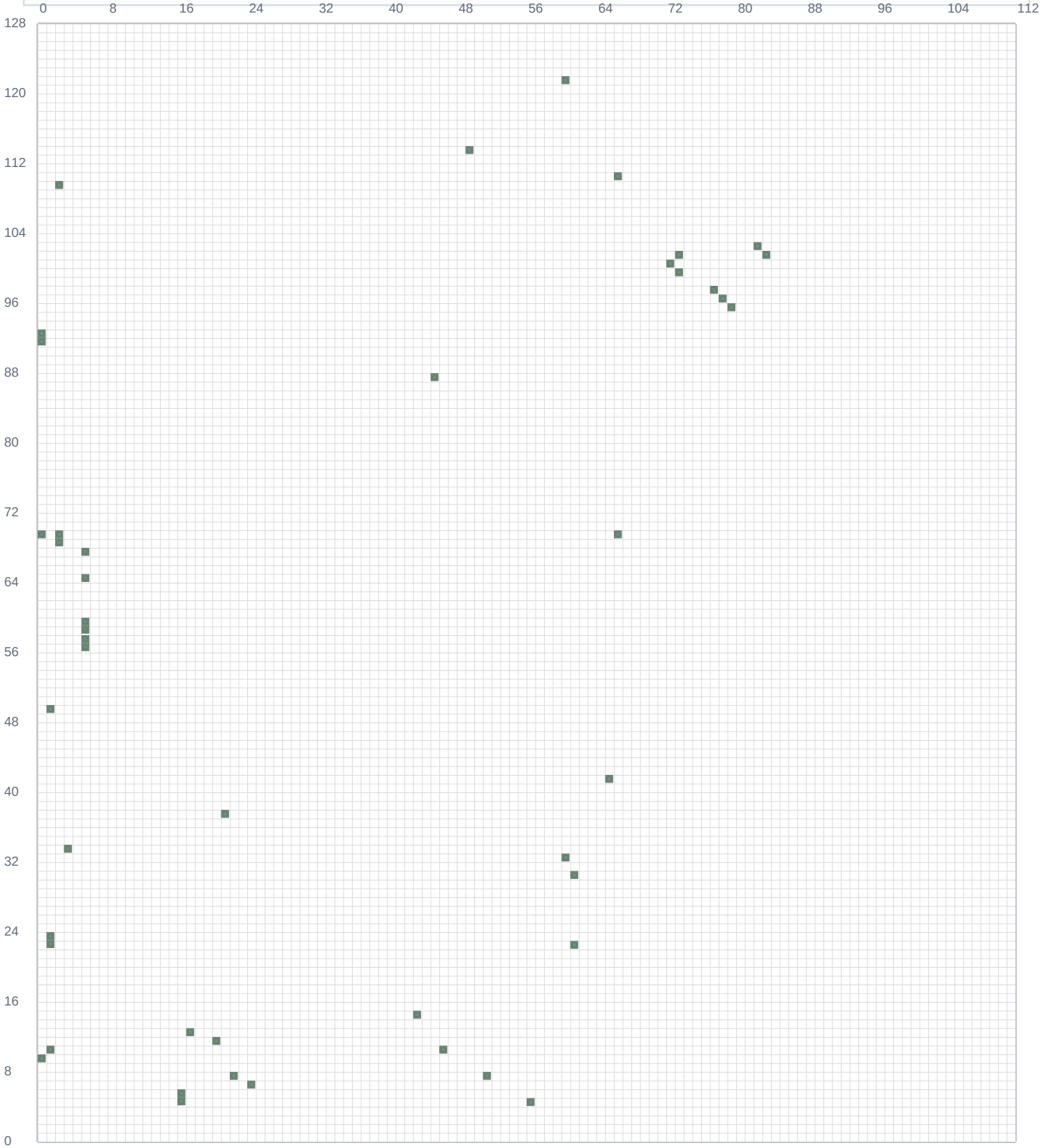


Layer 5 — Step 18 of 25

Color: Sand_Green

This step needs:

1×2: 6 1×1: 34

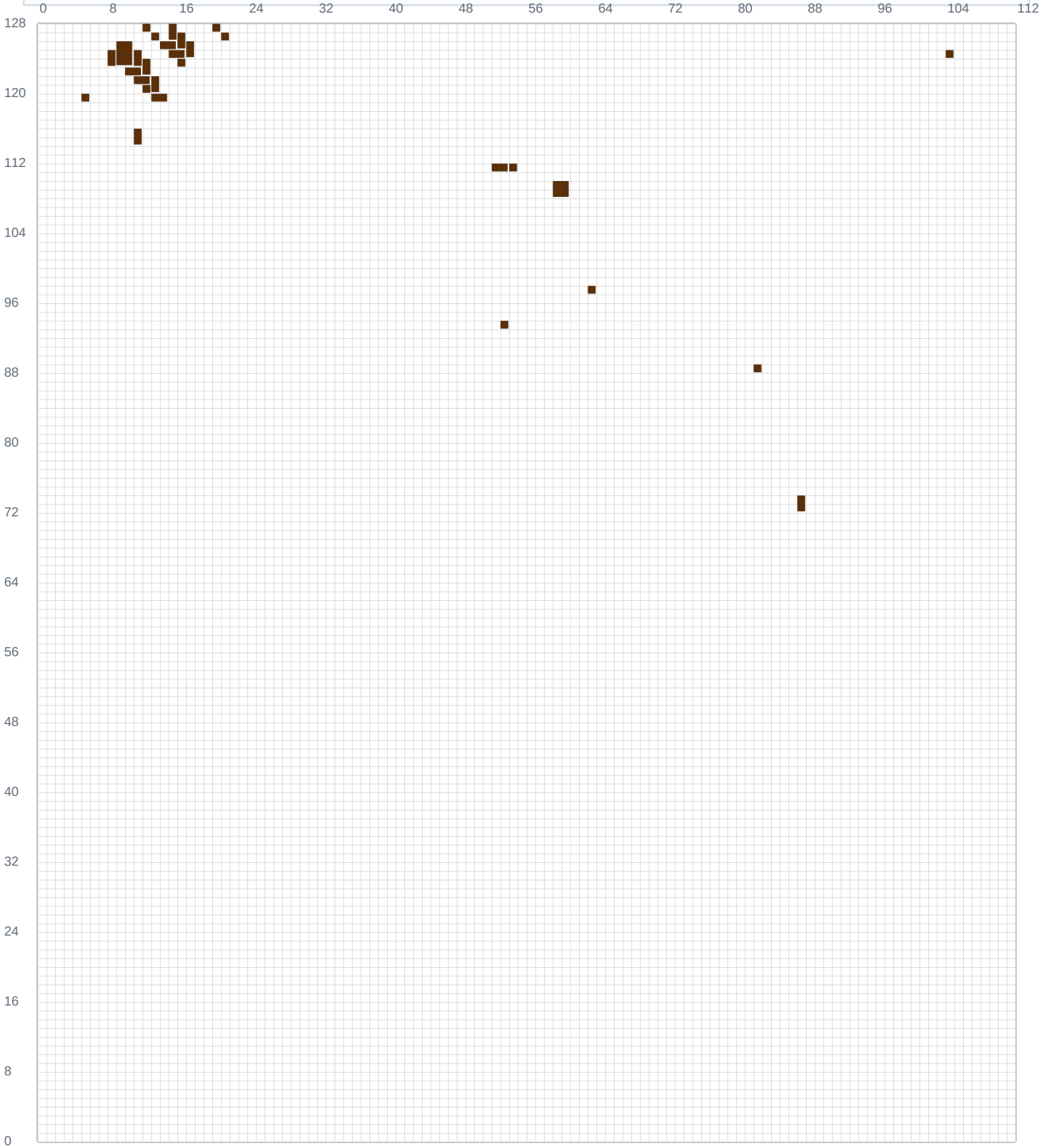


Layer 5 — Step 19 of 25

Color: Reddish_Brown

This step needs:

2×2: 2 1×2: 15 1×1: 12

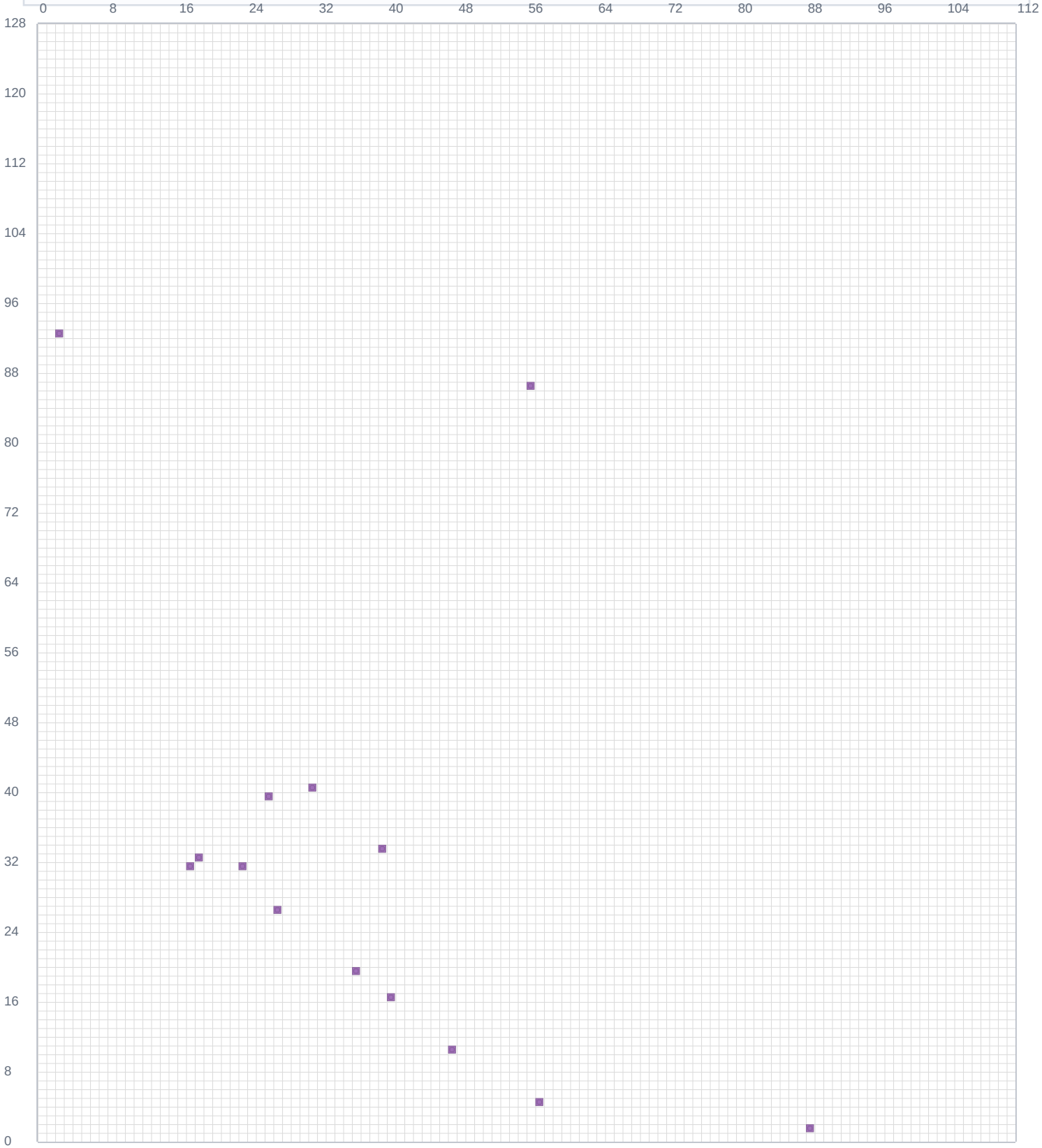


Layer 5 — Step 20 of 25

Color: Medium_Lavender

This step needs:

- 1×1: 14

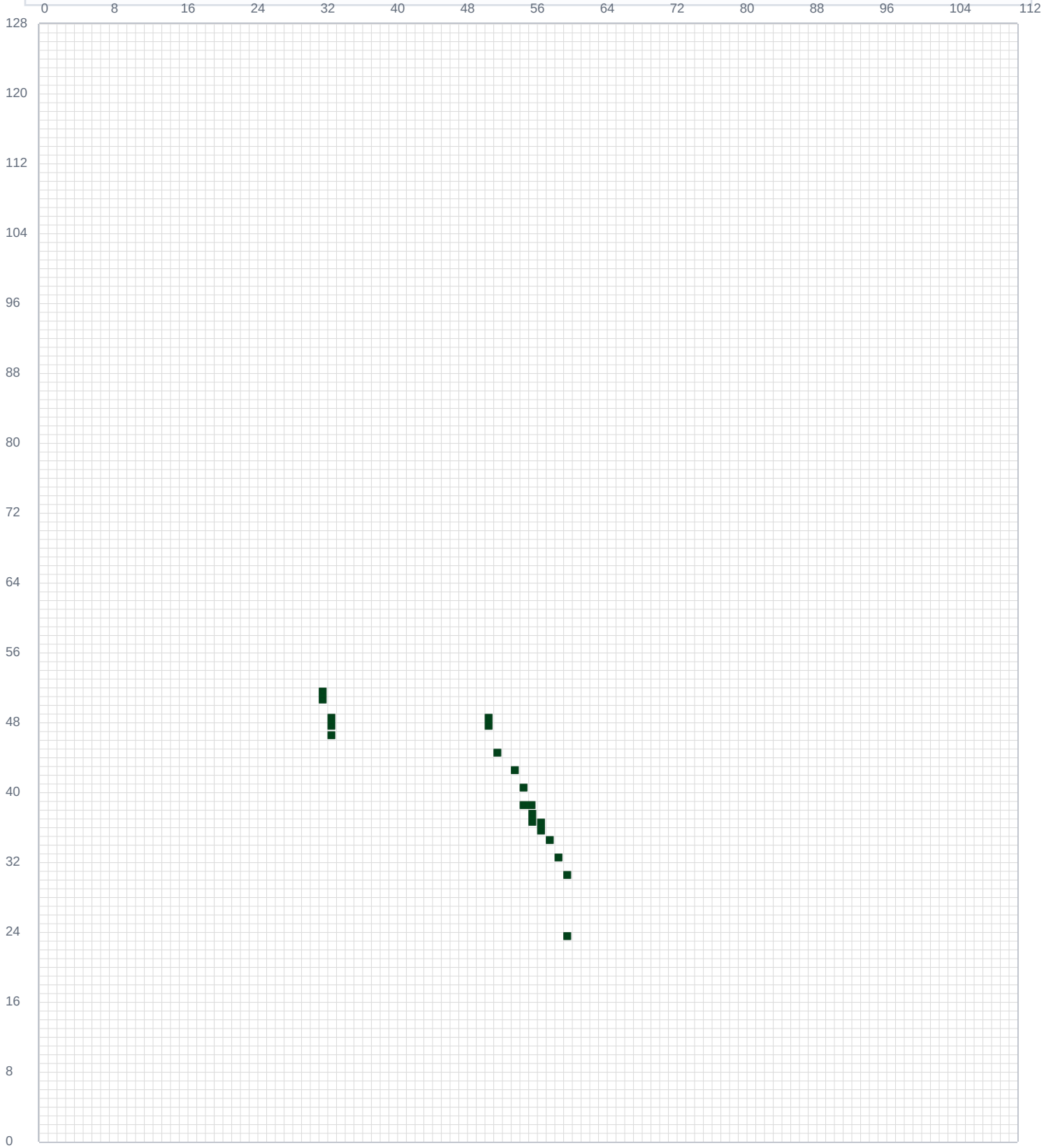


Layer 5 — Step 21 of 25

Color: Dark_Green

This step needs:

1×2: 6 1×1: 8

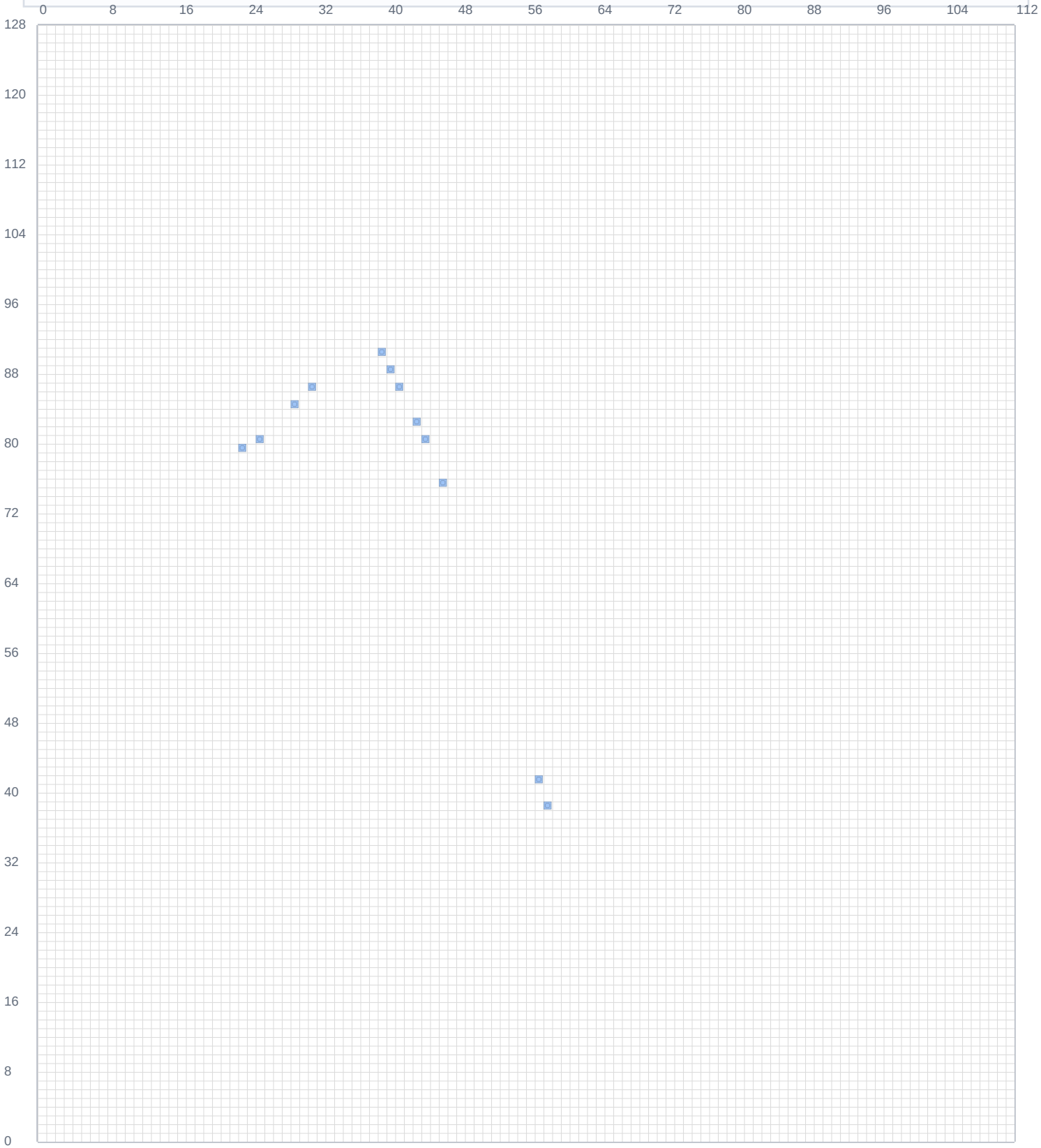


Layer 5 — Step 22 of 25

Color: Bright_Light_Blue

This step needs:

- 1×1: 12



Layer 5 — Step 23 of 25

Color: Dark_Orange

This step needs:

1×2: 3 1×1: 4

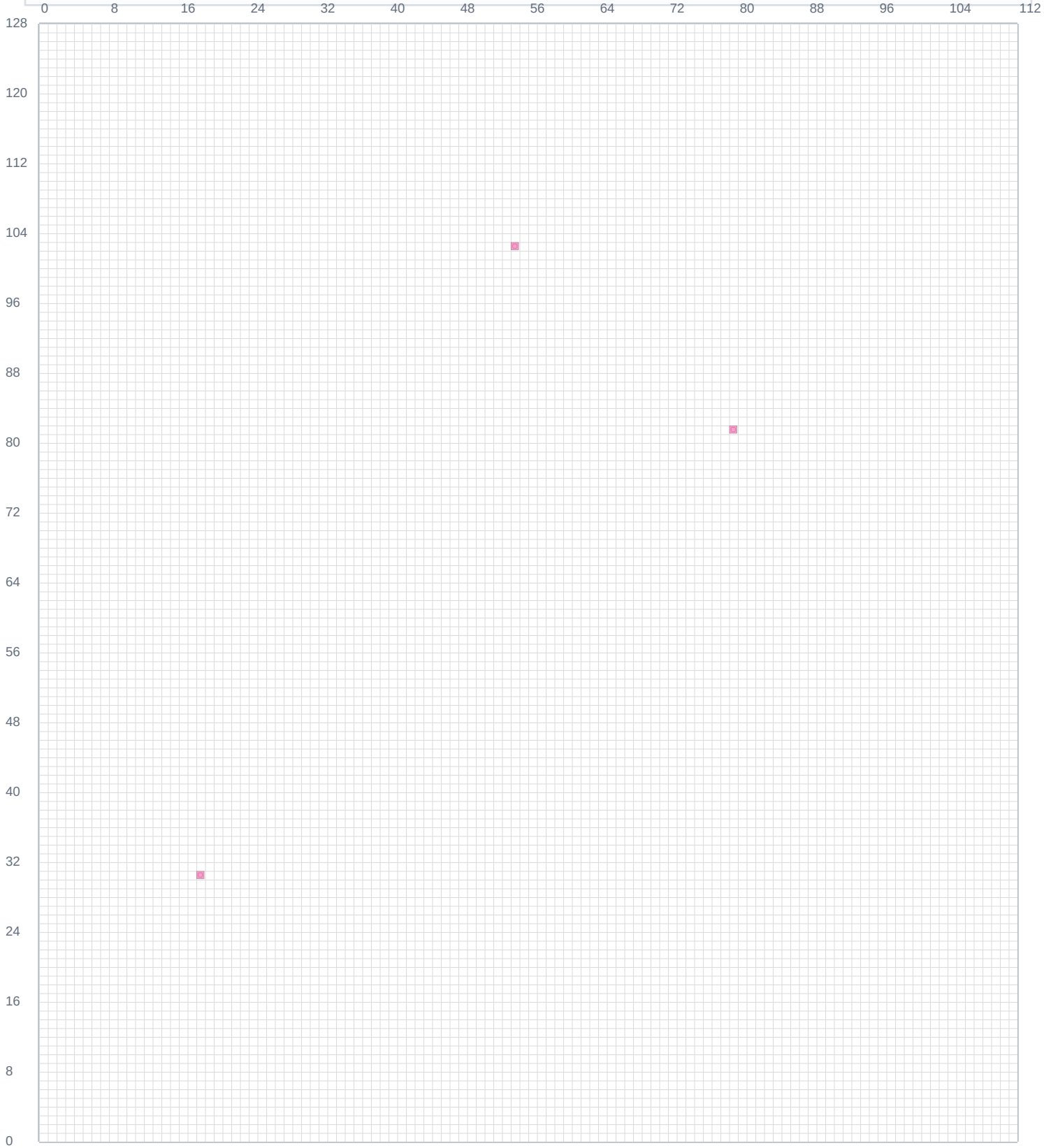


Layer 5 — Step 24 of 25

Color: Bright_Pink

This step needs:

- 1×1: 3

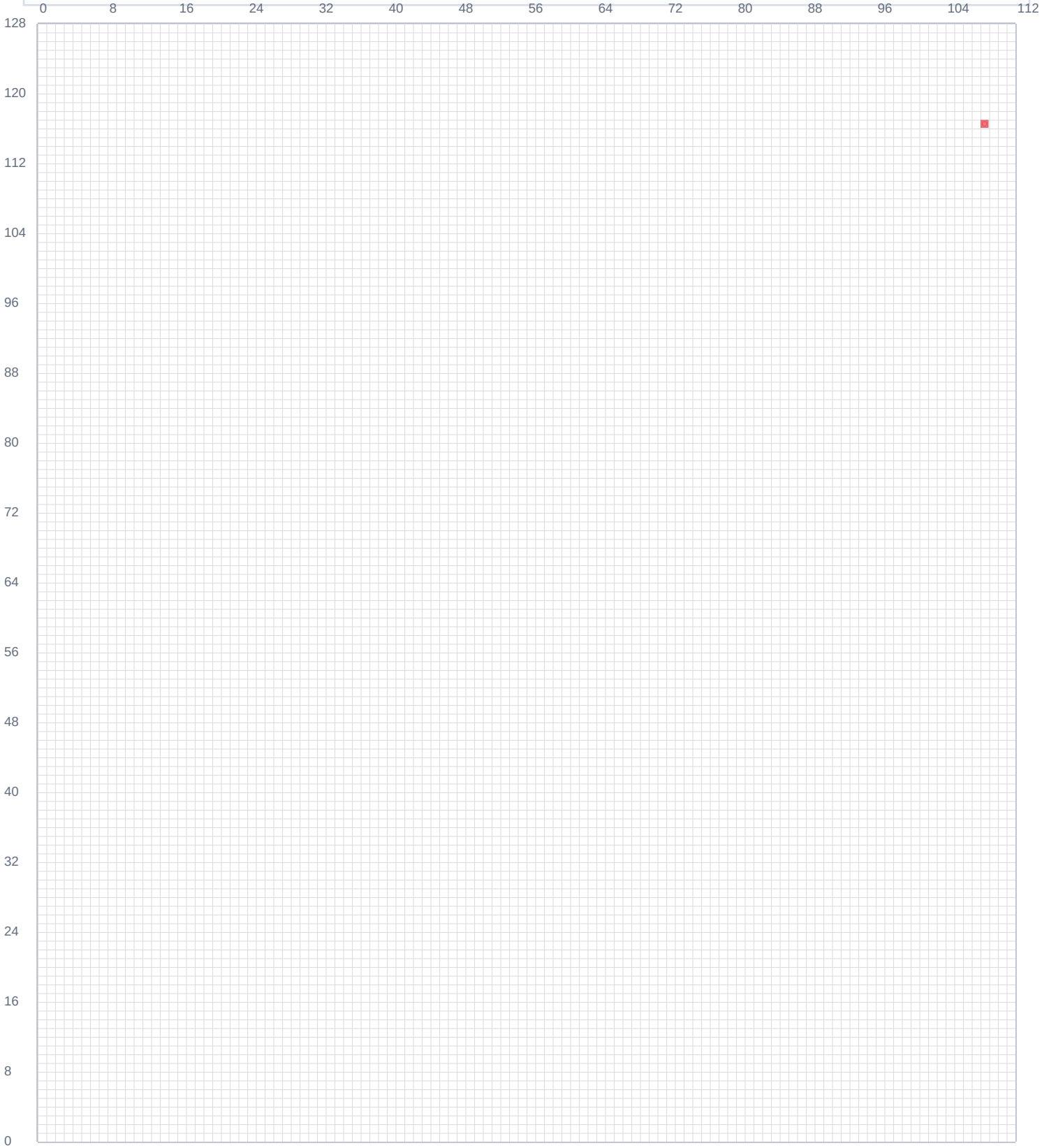


Layer 5 — Step 25 of 25

Color: Coral

This step needs:

- 1×1: 1

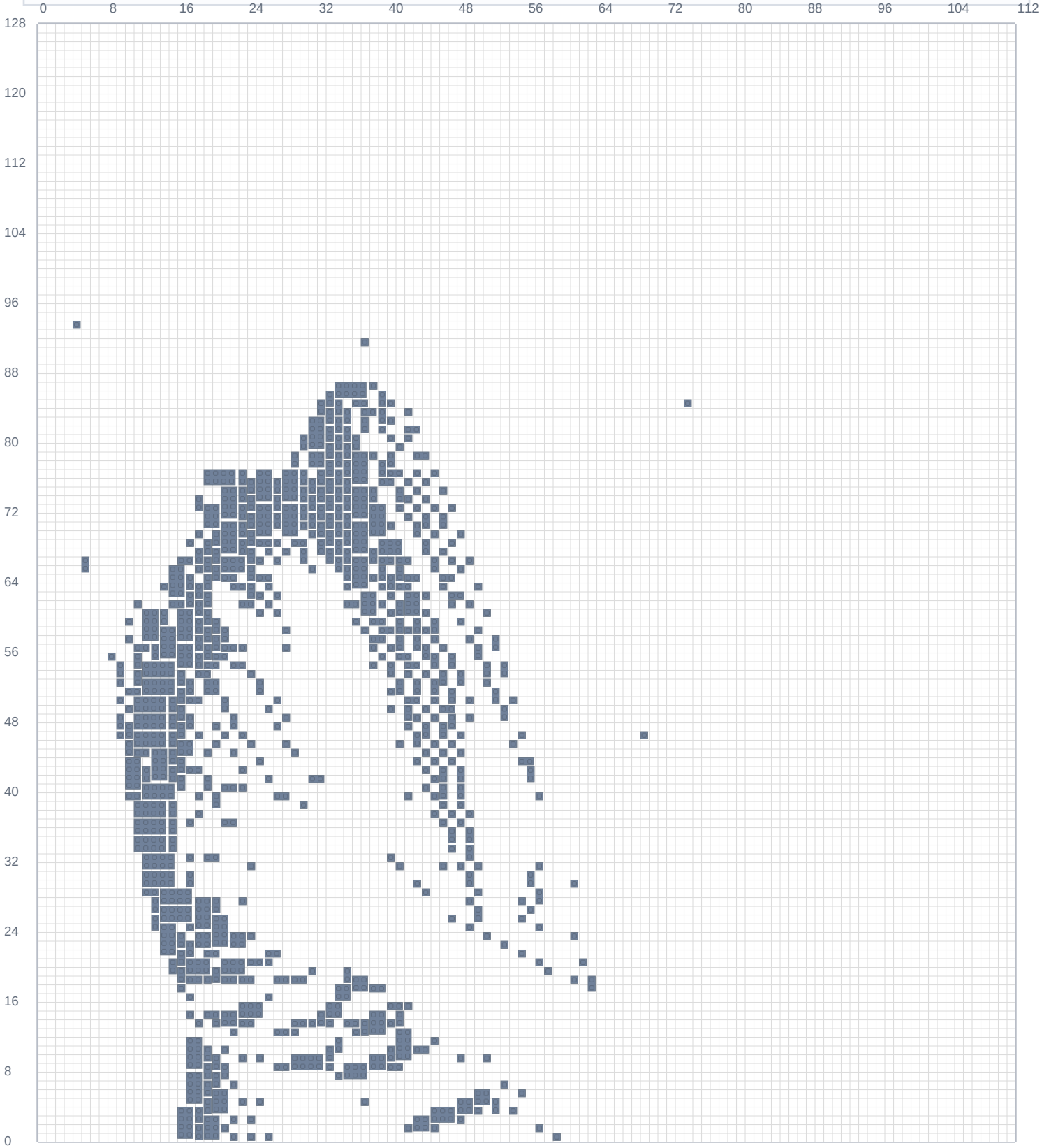


Layer 6 — Step 1 of 25

Color: Sand_Blue

This step needs:

2×4: 41 2×2: 27 1×2: 261 1×1: 224

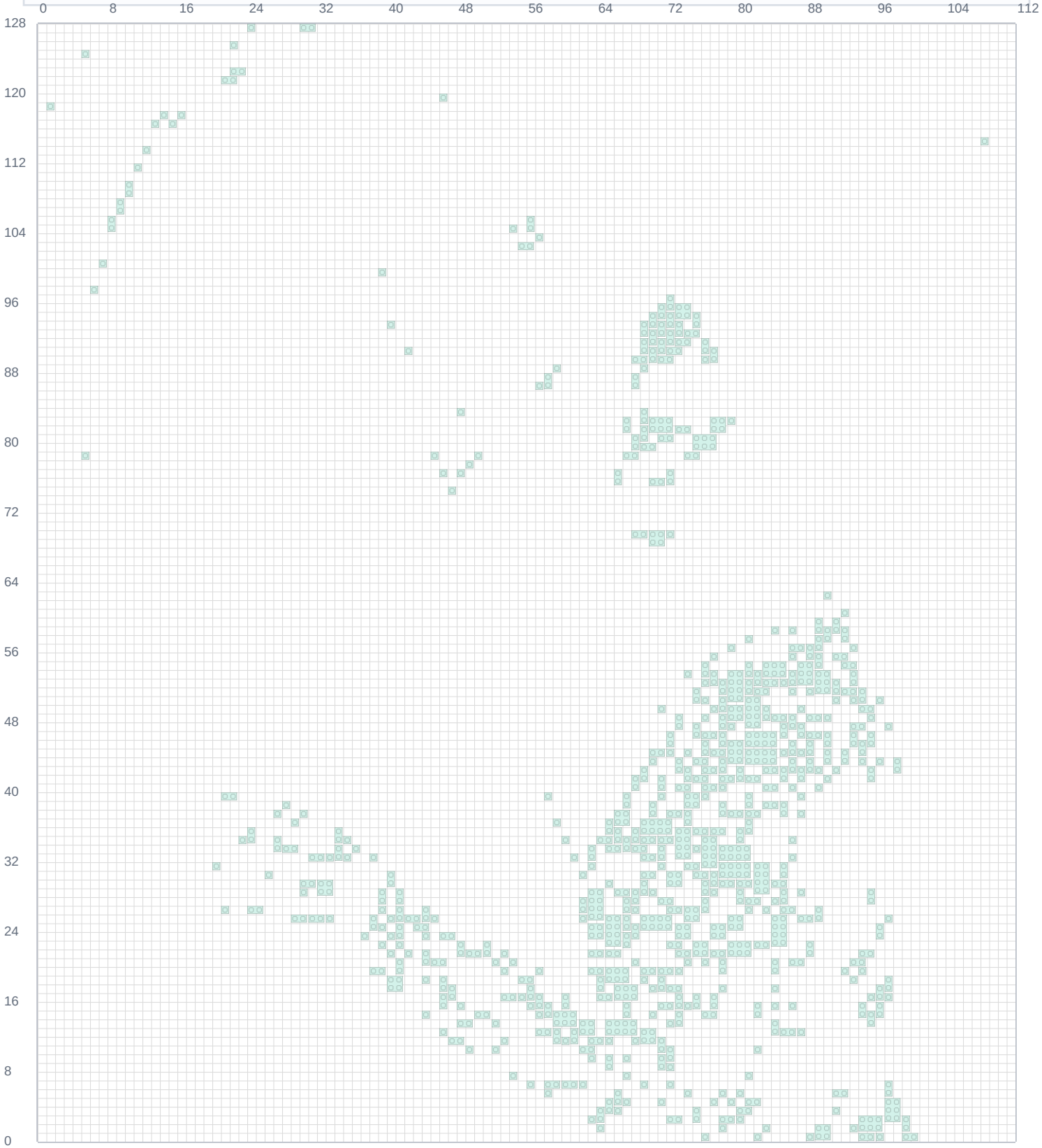


Layer 6 — Step 2 of 25

Color: Light_Aqua

This step needs:

2×4: 15 2×2: 30 1×2: 268 1×1: 191



Layer 6 — Step 3 of 25

Color: Tan

This step needs:

2×4: 12 2×2: 33 1×2: 196 1×1: 183



Layer 6 — Step 4 of 25

Color: Blue

This step needs:

2×4: 11 · 2×2: 14 · 1×2: 185 · 1×1: 193



Layer 6 — Step 5 of 25

Color: White

This step needs:

2×4: 14 2×2: 33 1×2: 154 1×1: 139

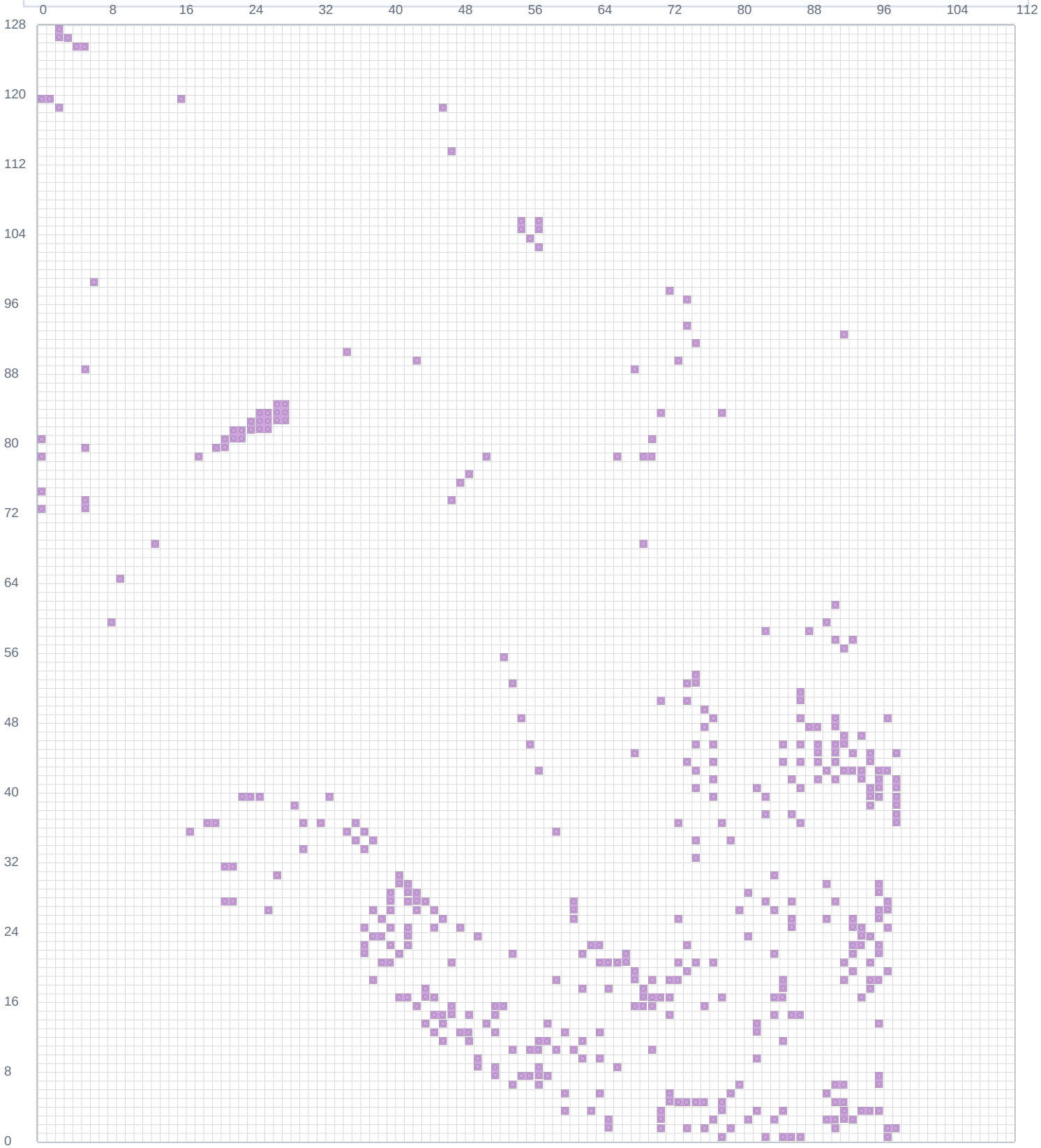


Layer 6 — Step 6 of 25

Color: Lavender

This step needs:

2×2: 3 1×2: 85 1×1: 218

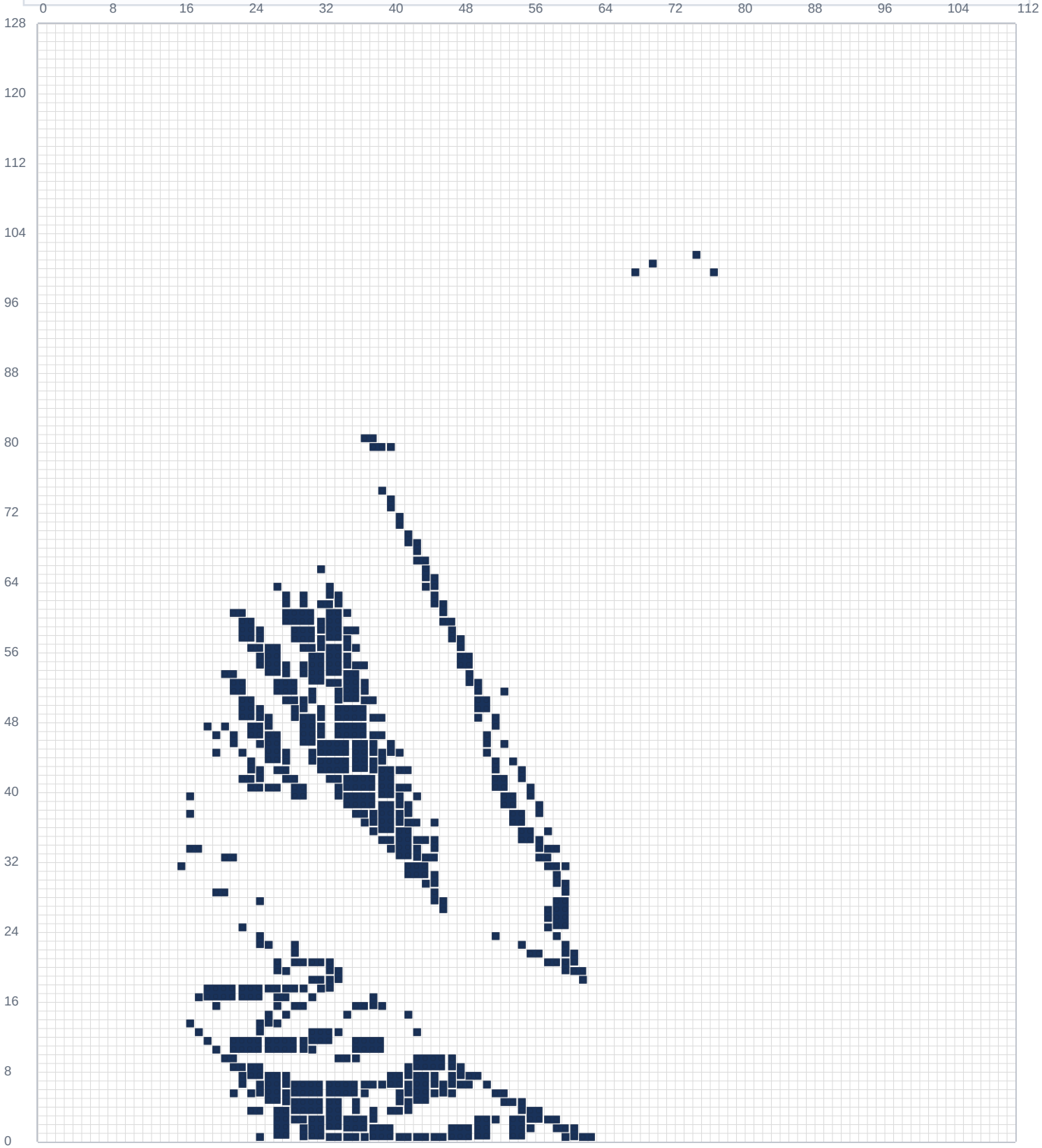


Layer 6 — Step 7 of 25

Color: Dark_Blue

This step needs:

2×4: 31 2×2: 25 1×2: 158 1×1: 74



Layer 6 — Step 8 of 25

Color: Medium_Tan

This step needs:

2×4: 3 2×2: 8 1×2: 99 1×1: 154

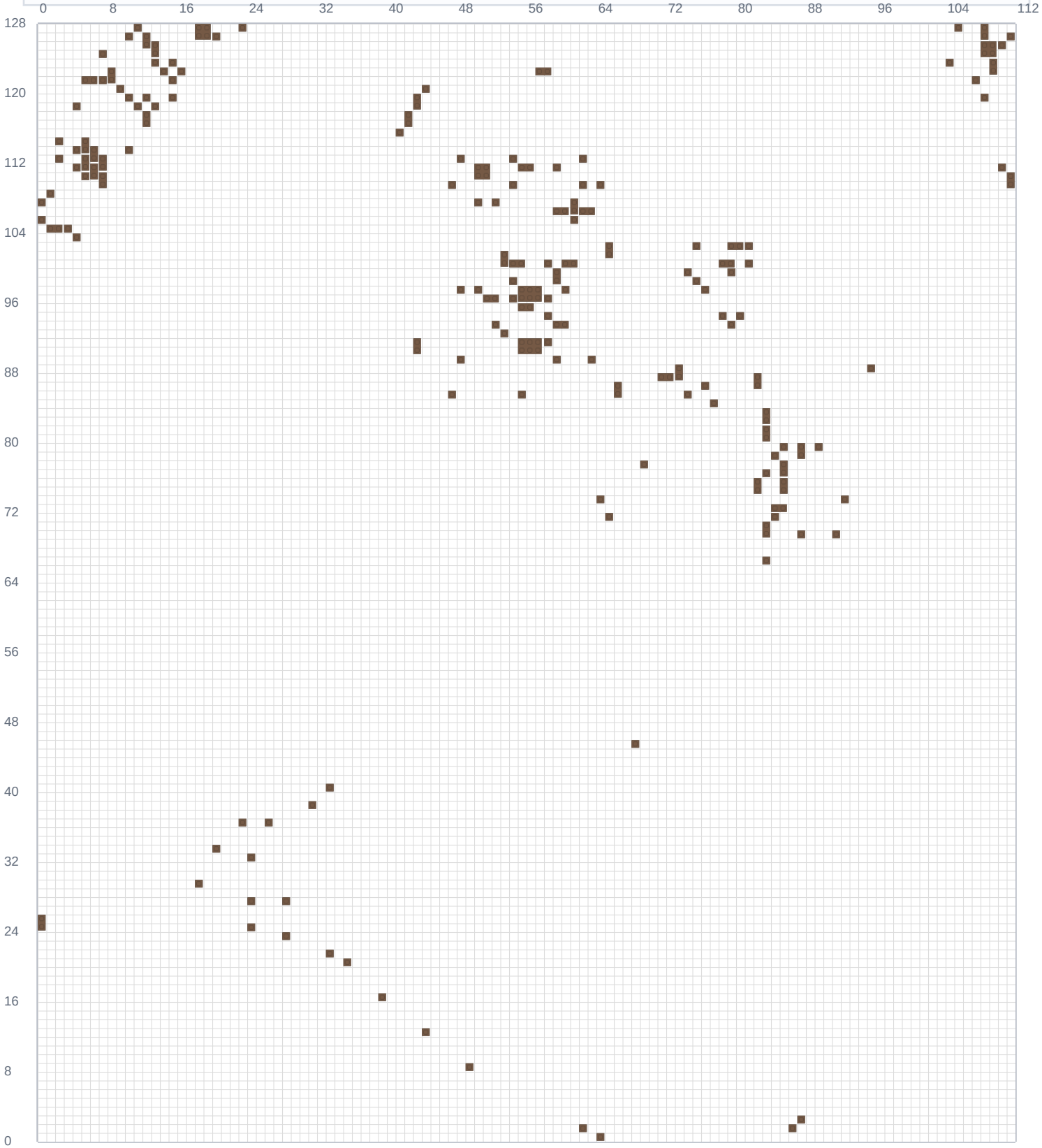


Layer 6 — Step 9 of 25

Color: Medium_Brown

This step needs:

2×2: 5 1×2: 46 1×1: 112



Layer 6 — Step 10 of 25

Color: Dark_Tan

This step needs:

2×4: 2 2×2: 4 1×2: 50 1×1: 102

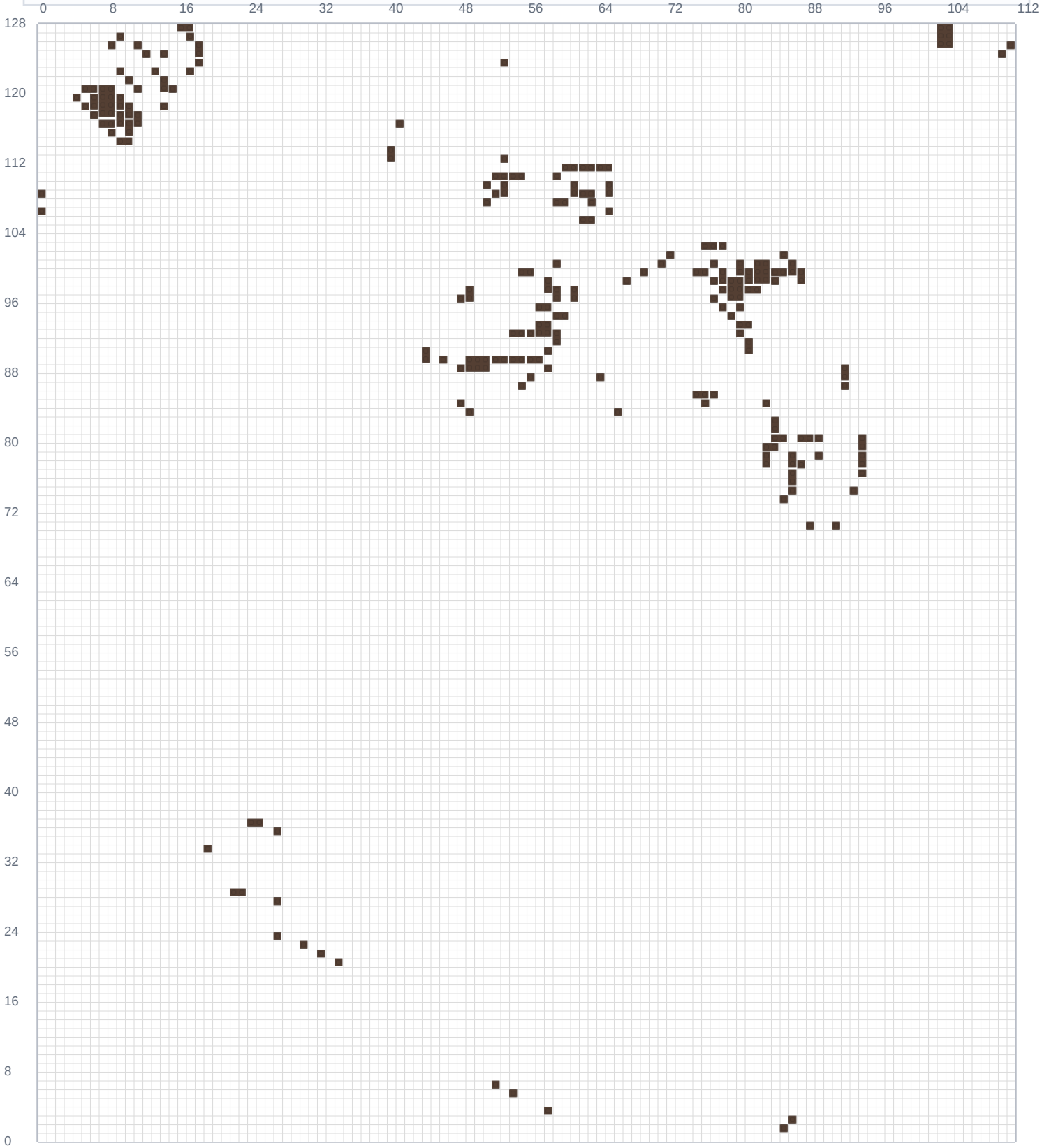


Layer 6 — Step 11 of 25

Color: Umber_Brown

This step needs:

2×4: 1 · 2×2: 5 · 1×2: 61 · 1×1: 84

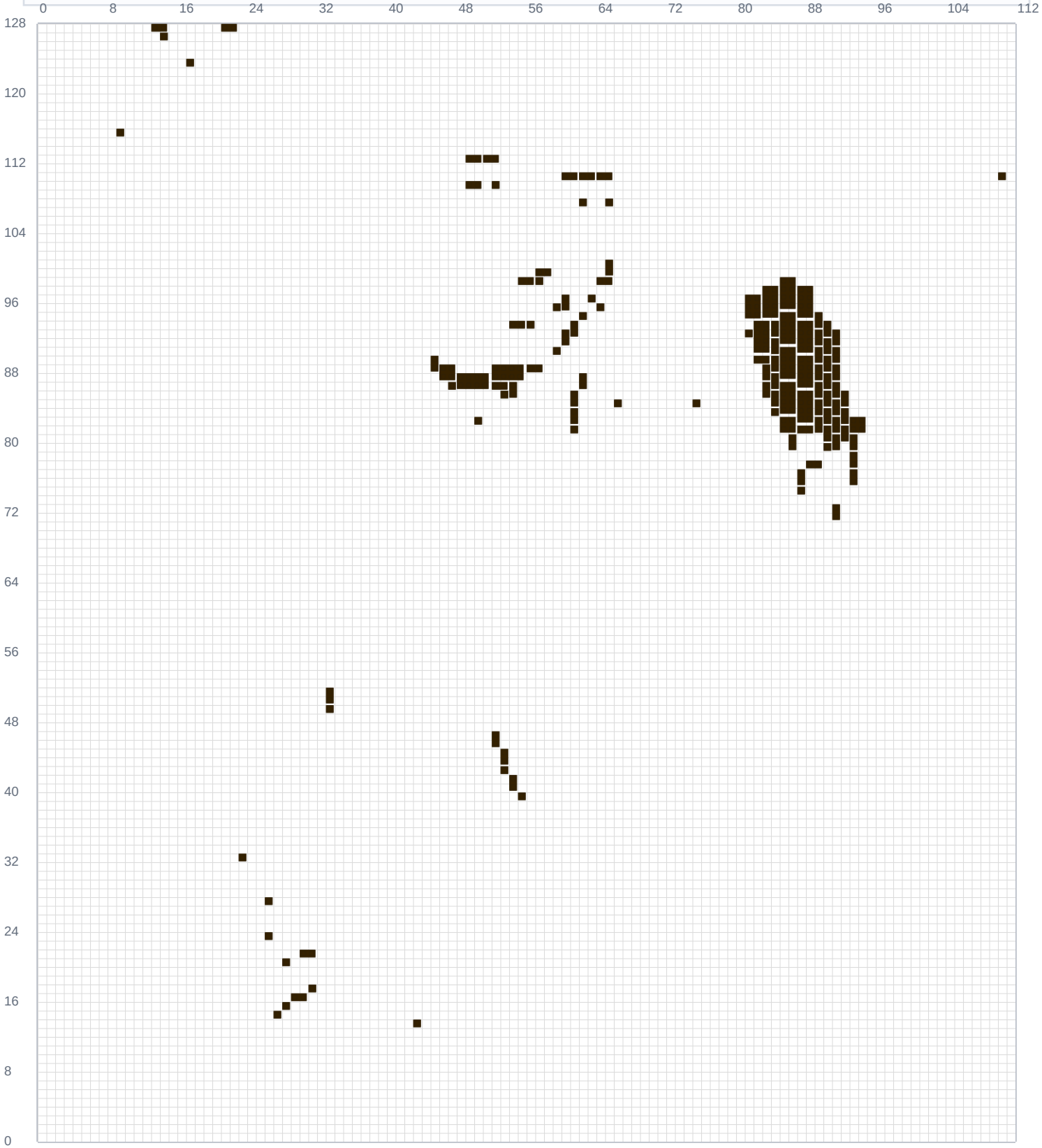


Layer 6 — Step 12 of 25

Color: Dark_Brown

This step needs:

2×4: 12 2×2: 4 1×2: 69 1×1: 35

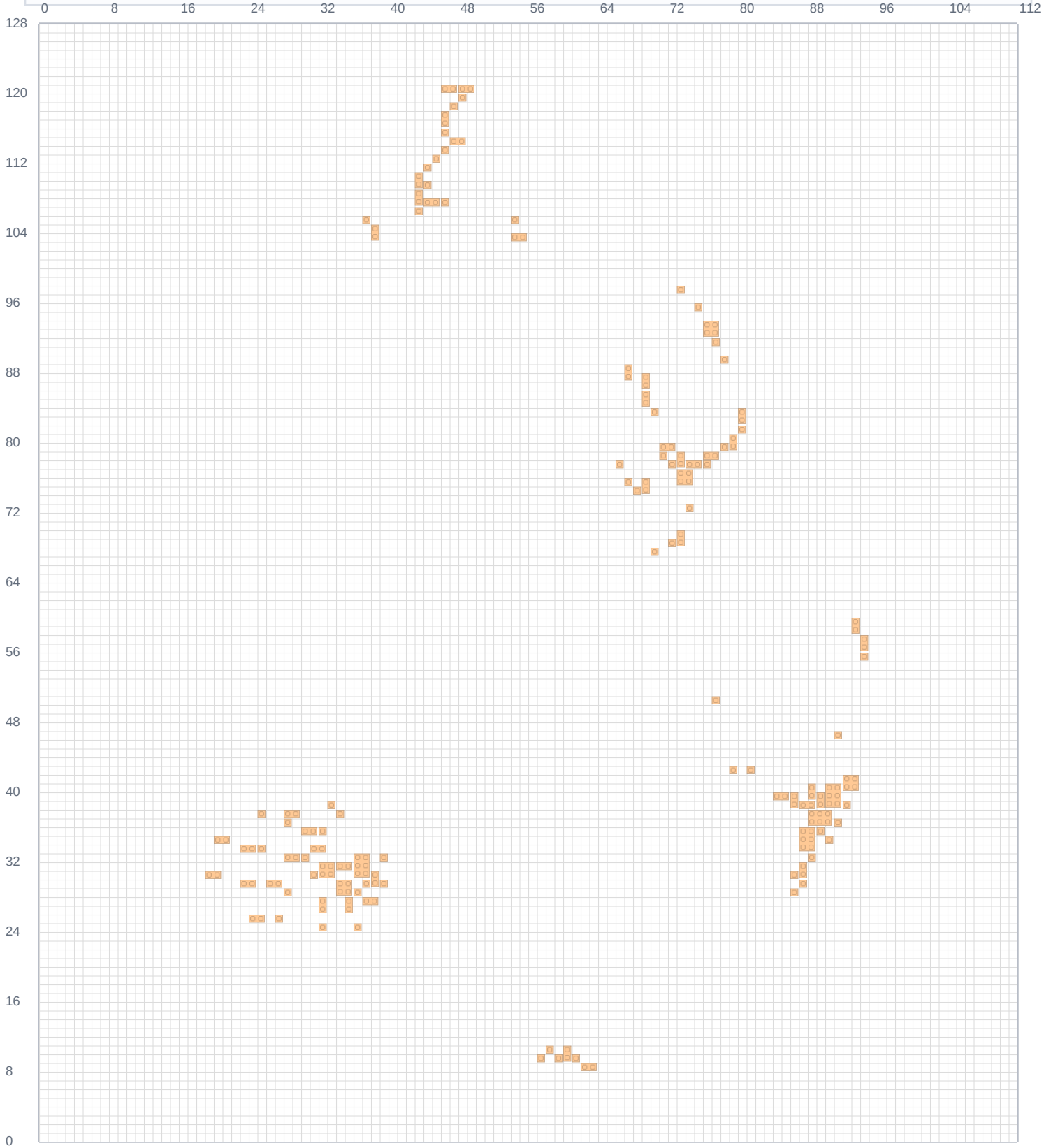


Layer 6 — Step 13 of 25

Color: Light_Nougat

This step needs:

2×2: 9 1×2: 45 1×1: 60

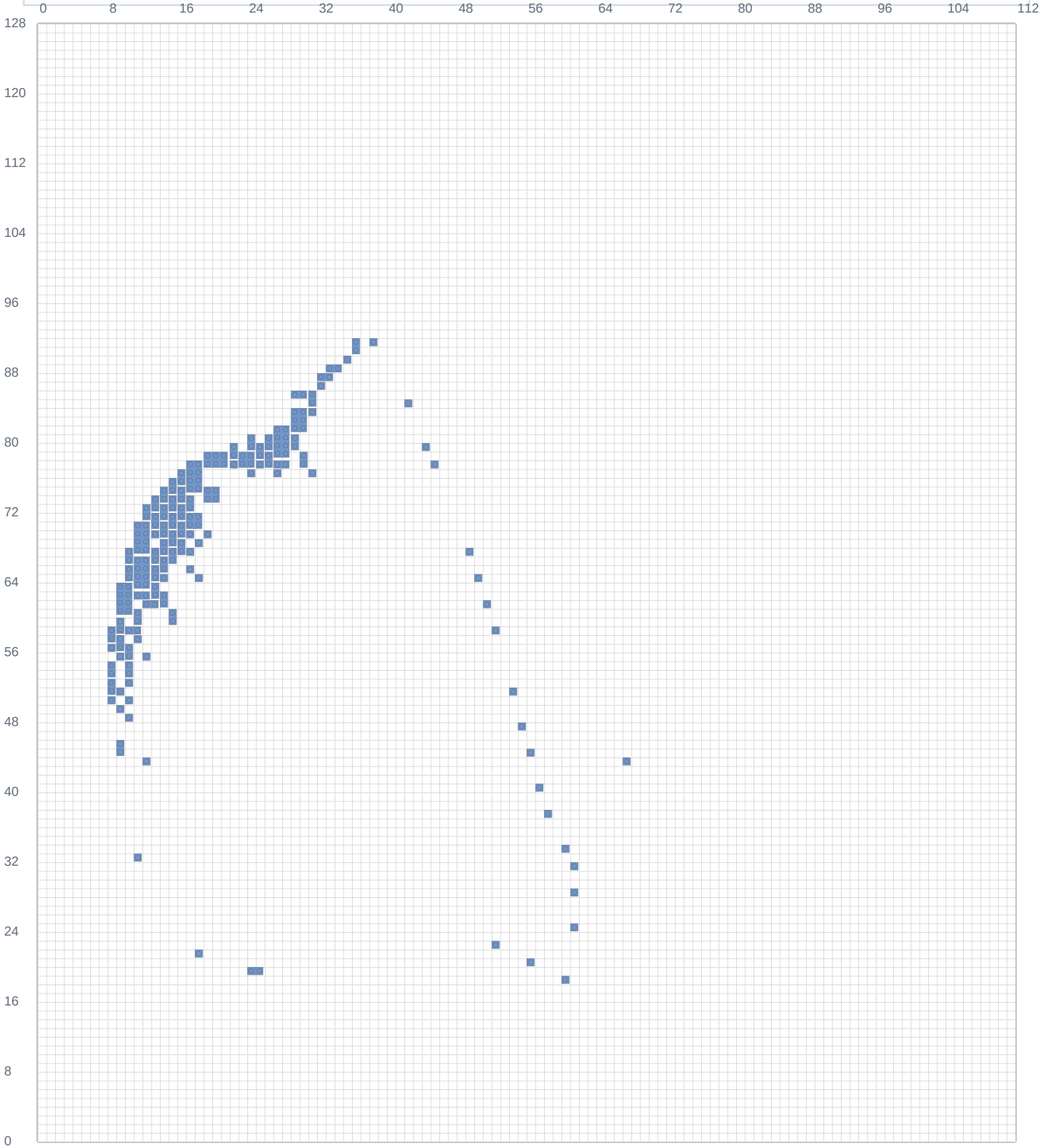


Layer 6 — Step 14 of 25

Color: Medium_Blue

This step needs:

2×4: 5 · 2×2: 5 · 1×2: 52 · 1×1: 50

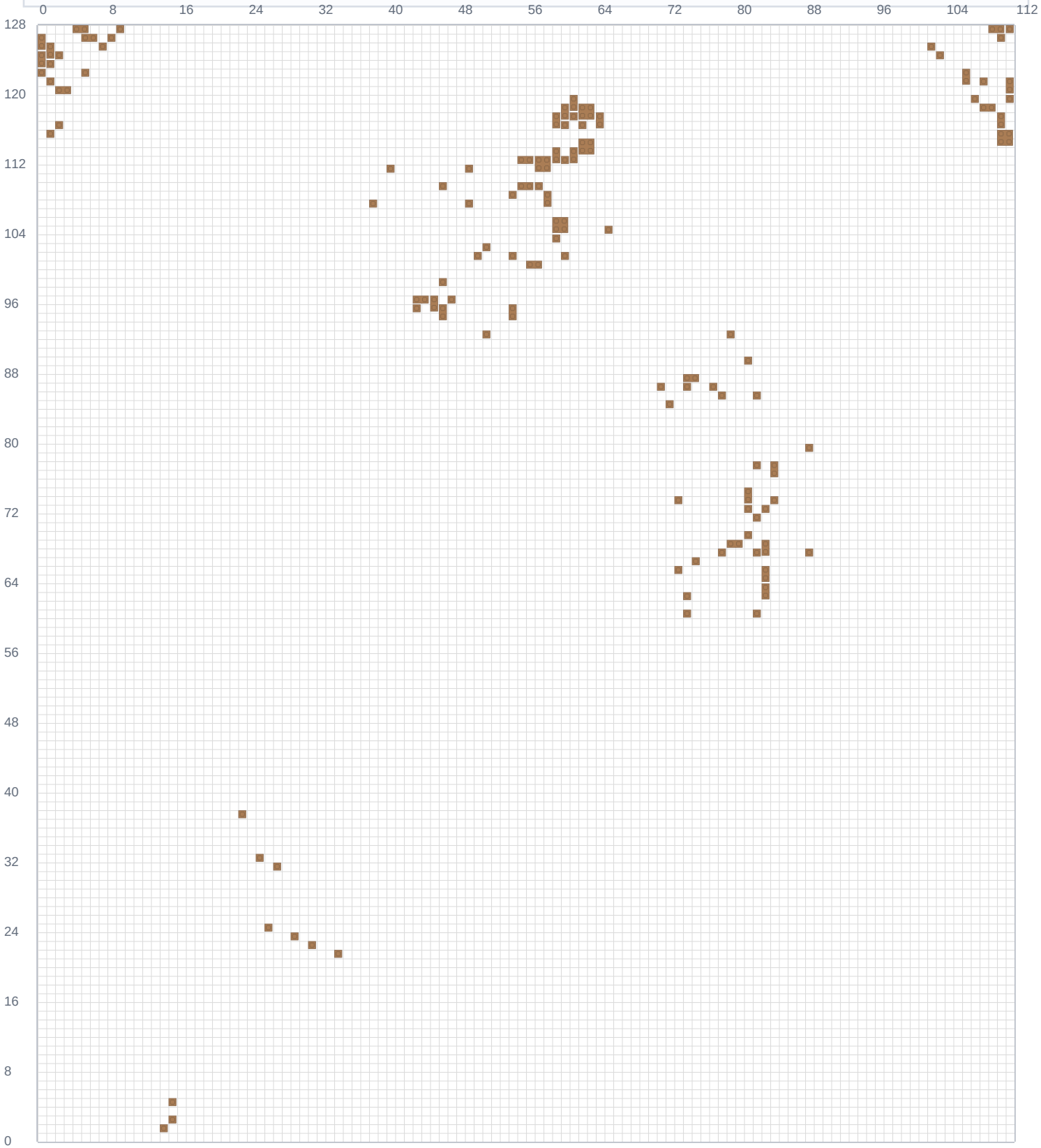


Layer 6 — Step 15 of 25

Color: Medium_Nougat

This step needs:

2×2: 5 1×2: 32 1×1: 72

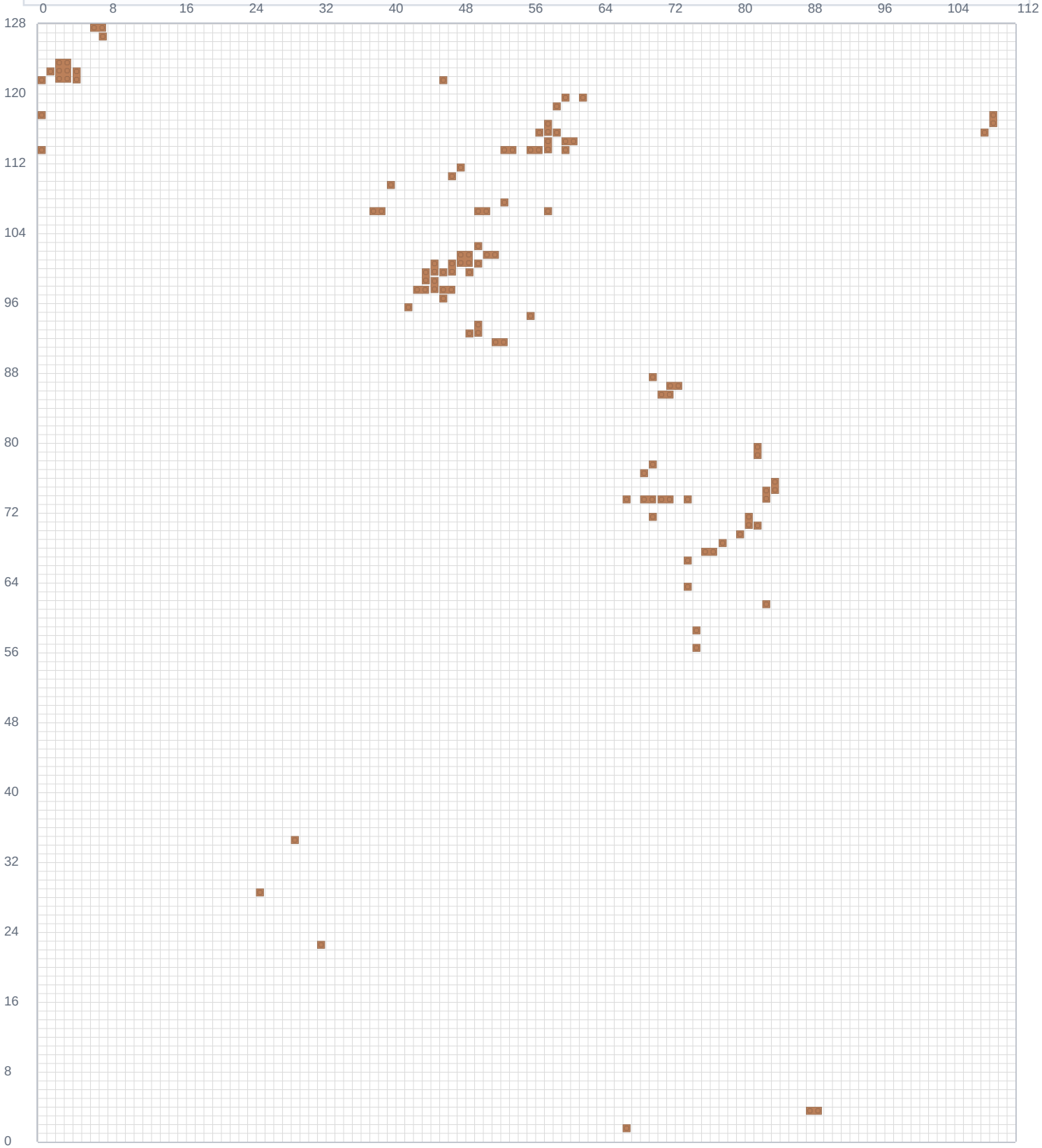


Layer 6 — Step 16 of 25

Color: Nougat

This step needs:

2×2: 2 1×2: 29 1×1: 44

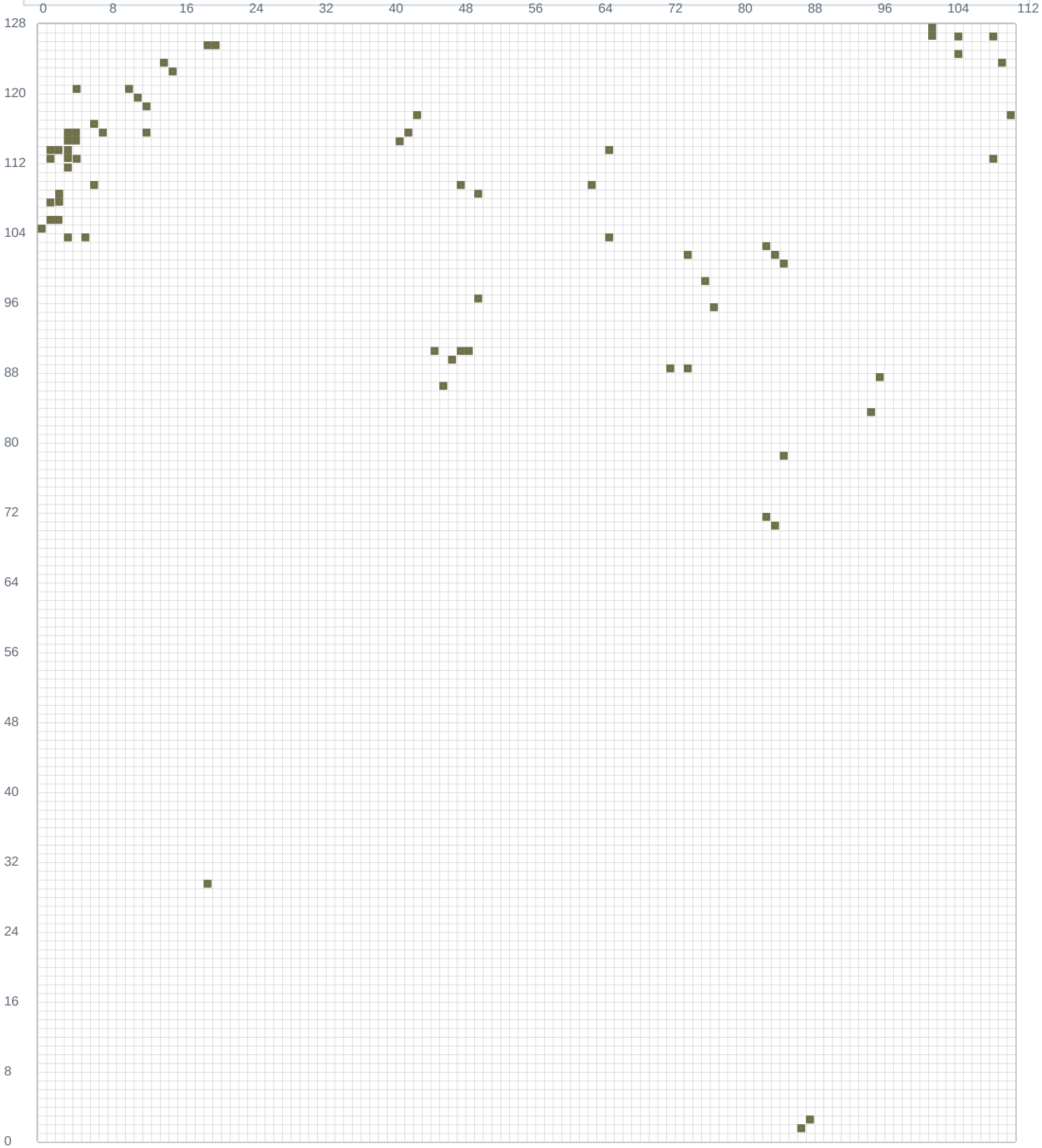


Layer 6 — Step 17 of 25

Color: Olive_Green

This step needs:

2×2: 1 1×2: 7 1×1: 51

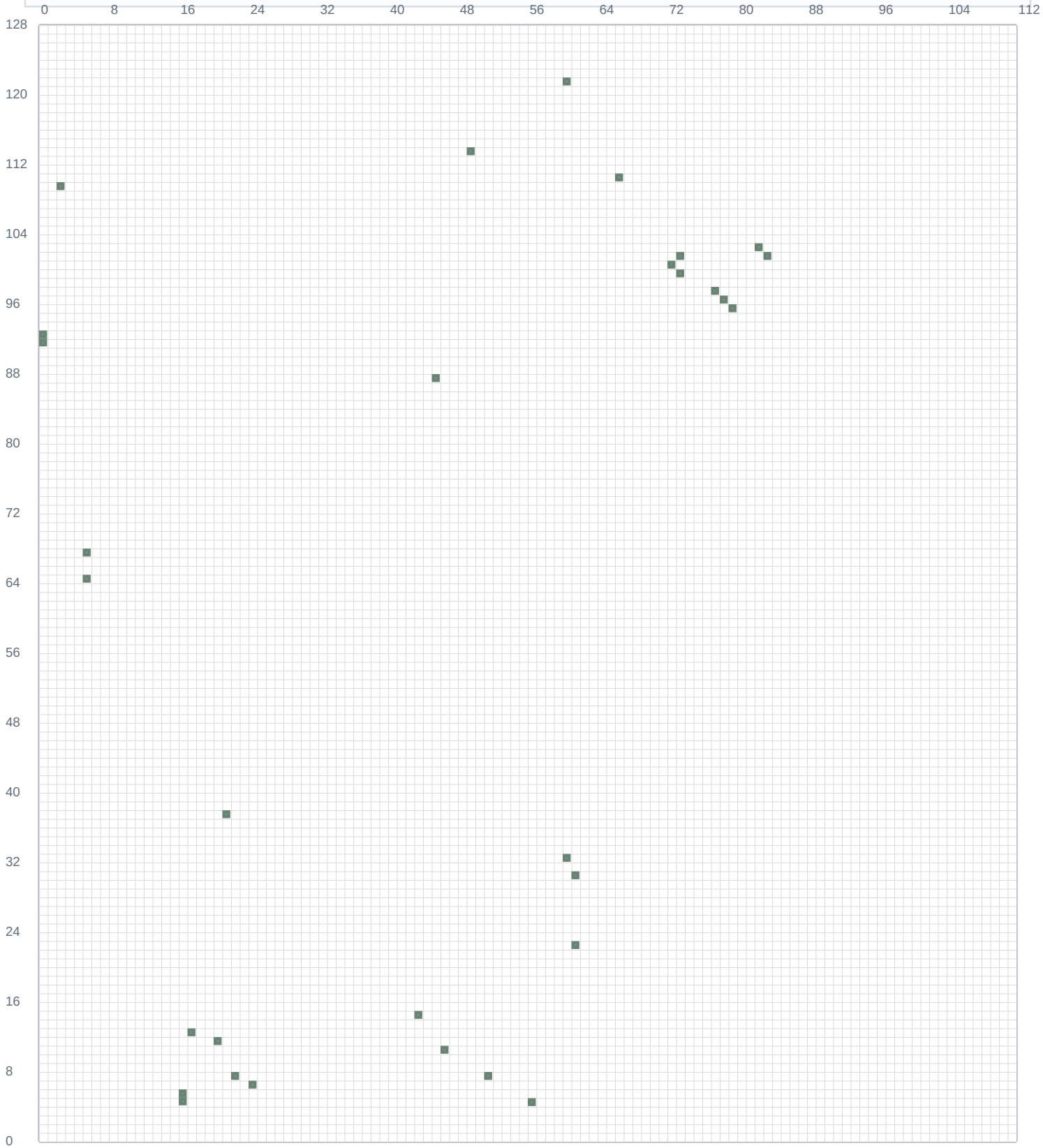


Layer 6 — Step 18 of 25

Color: Sand_Green

This step needs:

1×2: 2 1×1: 27

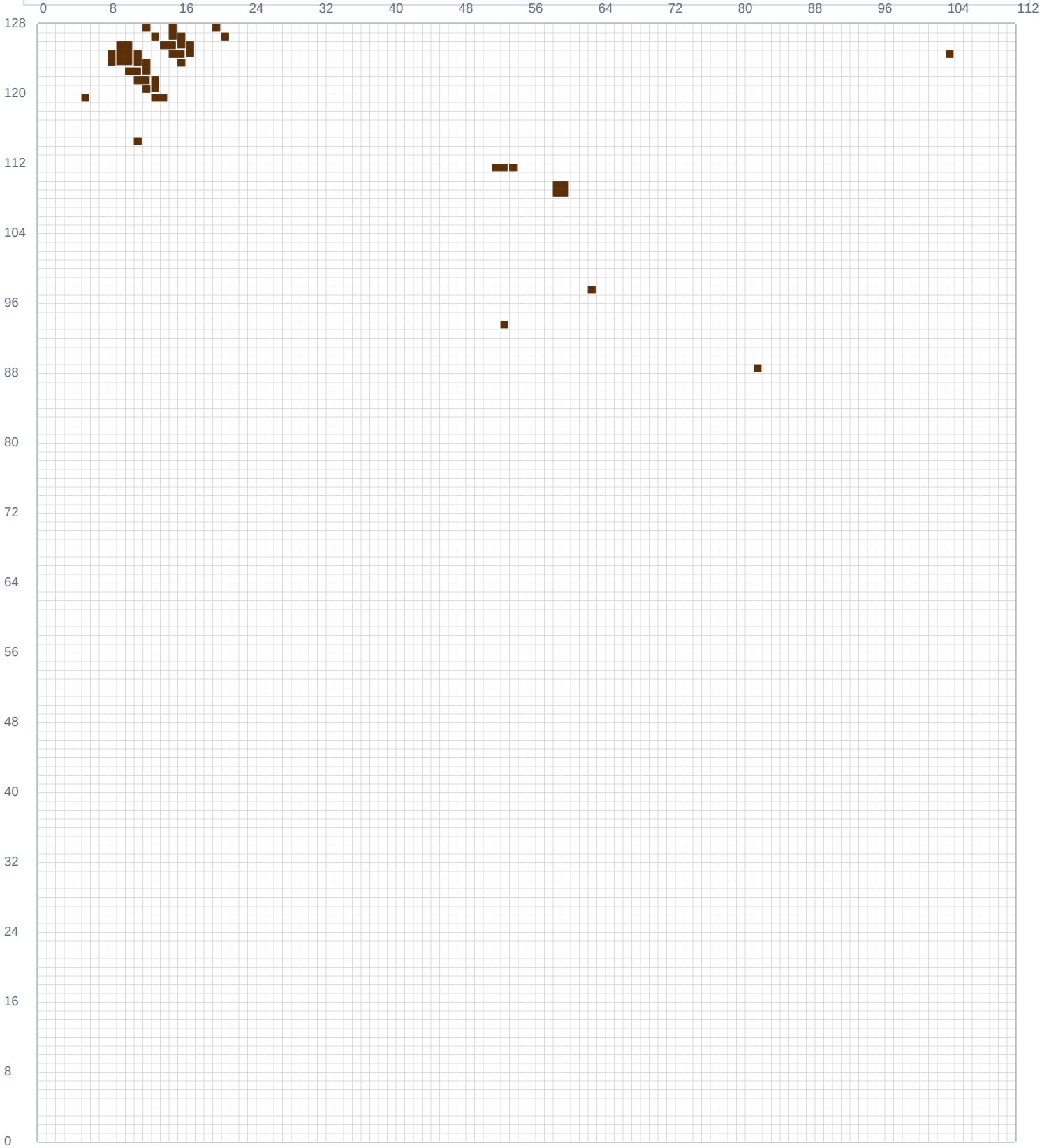


Layer 6 — Step 19 of 25

Color: Reddish_Brown

This step needs:

2×2: 2 1×2: 13 1×1: 13

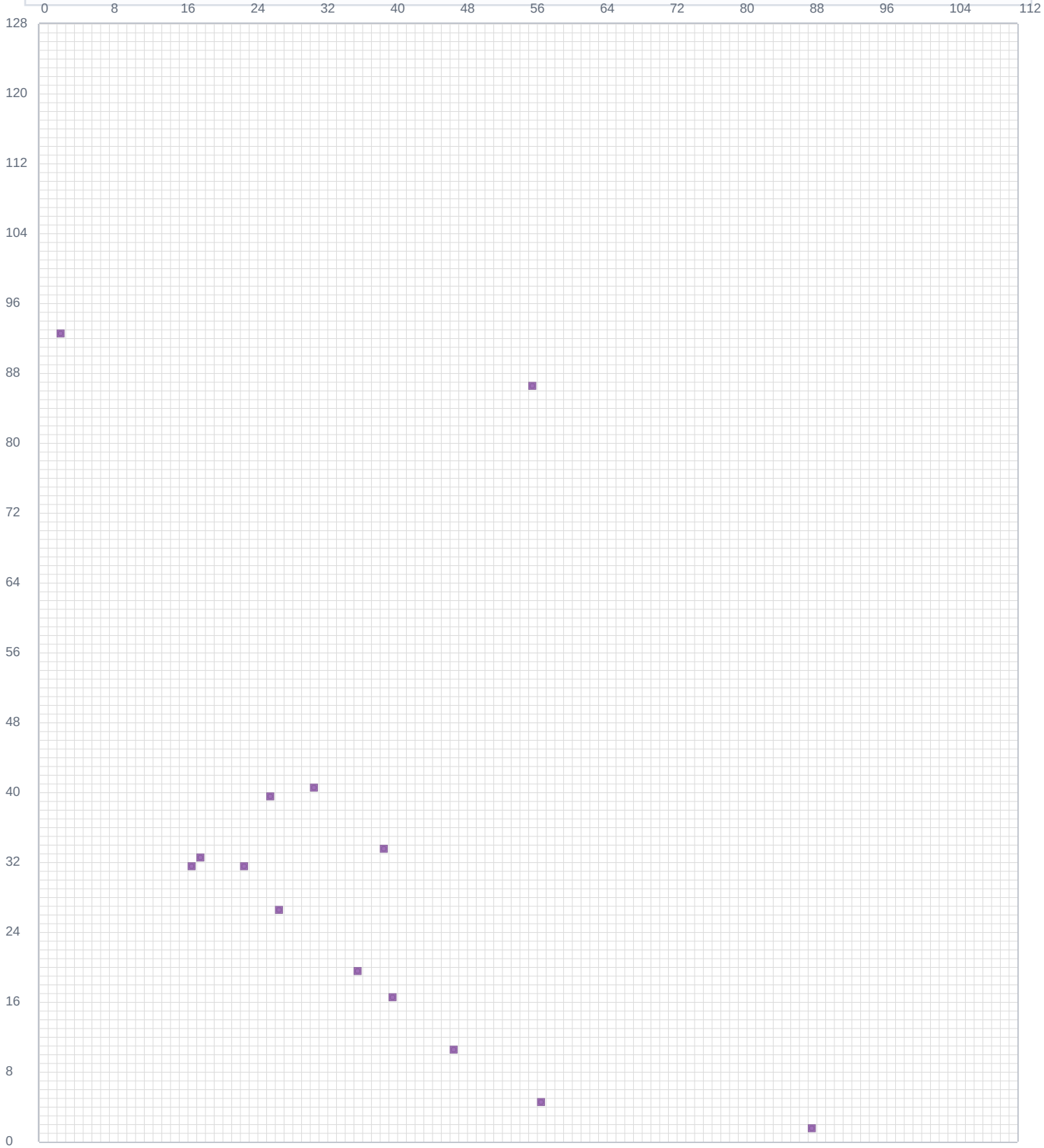


Layer 6 — Step 20 of 25

Color: Medium_Lavender

This step needs:

- 1×1: 14

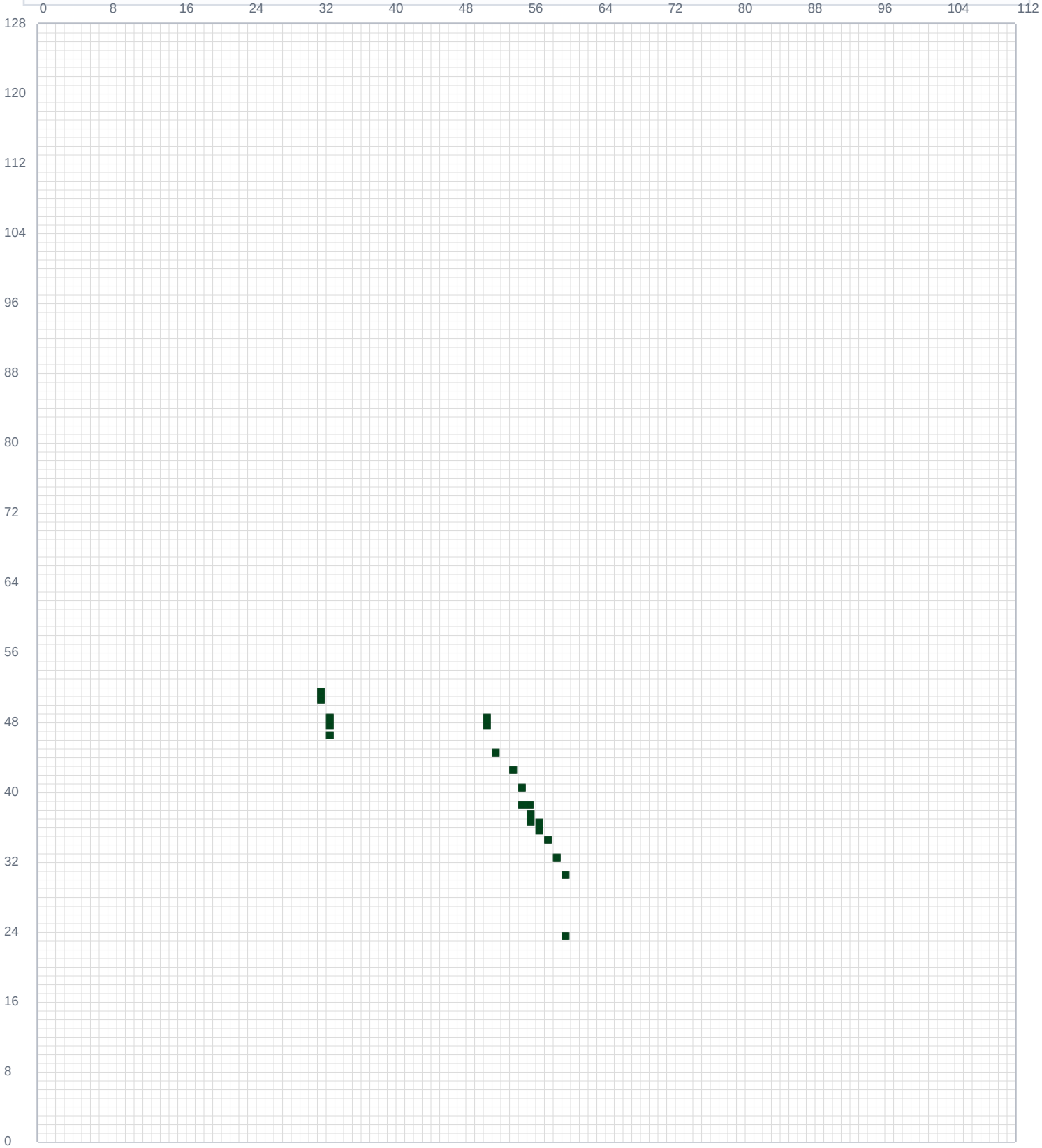


Layer 6 — Step 21 of 25

Color: Dark_Green

This step needs:

1×2: 6 1×1: 8

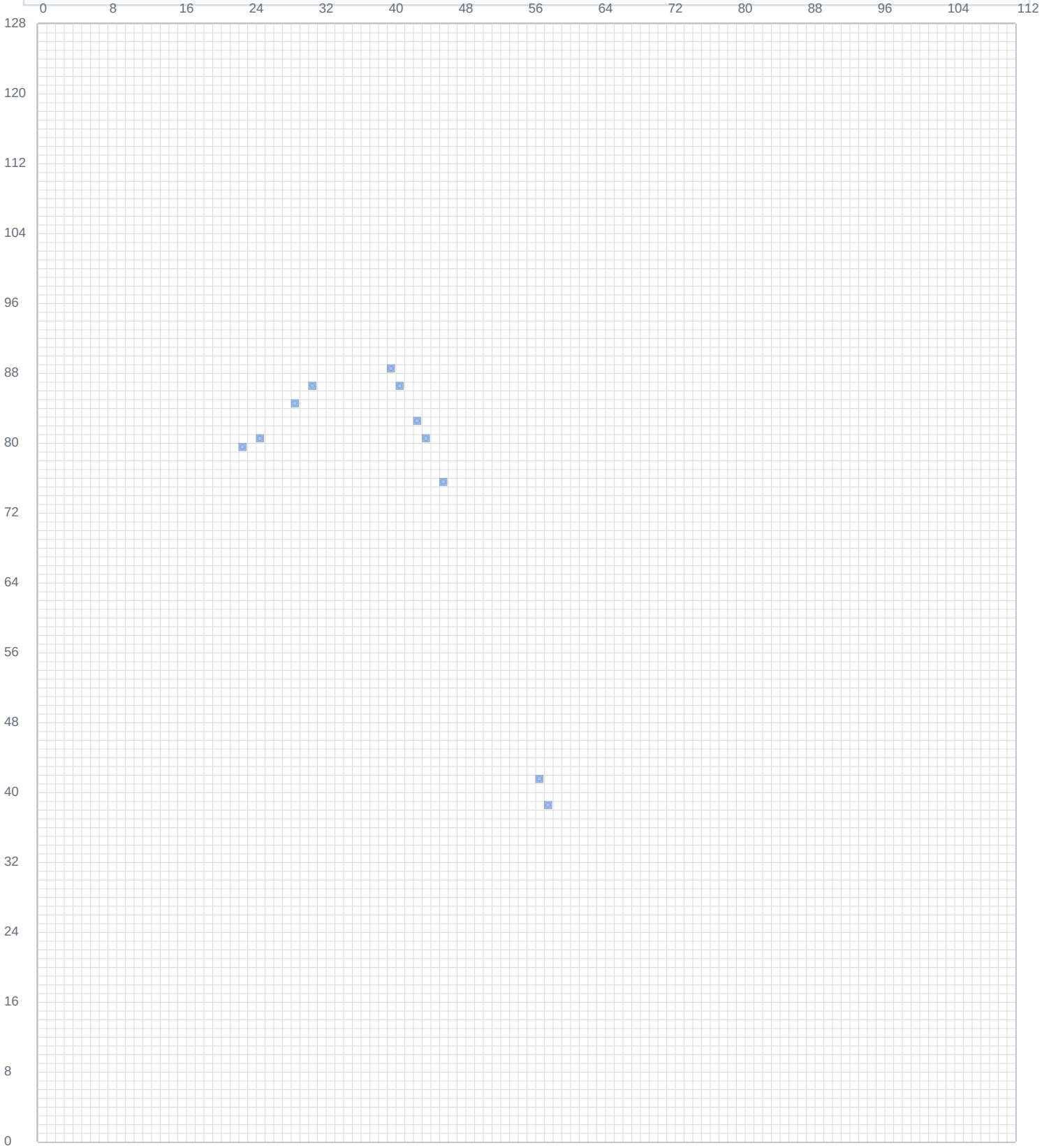


Layer 6 — Step 22 of 25

Color: Bright_Light_Blue

This step needs:

- 1×1: 11



Layer 6 — Step 23 of 25

Color: Dark_Orange

This step needs:

1×2: 2 1×1: 2

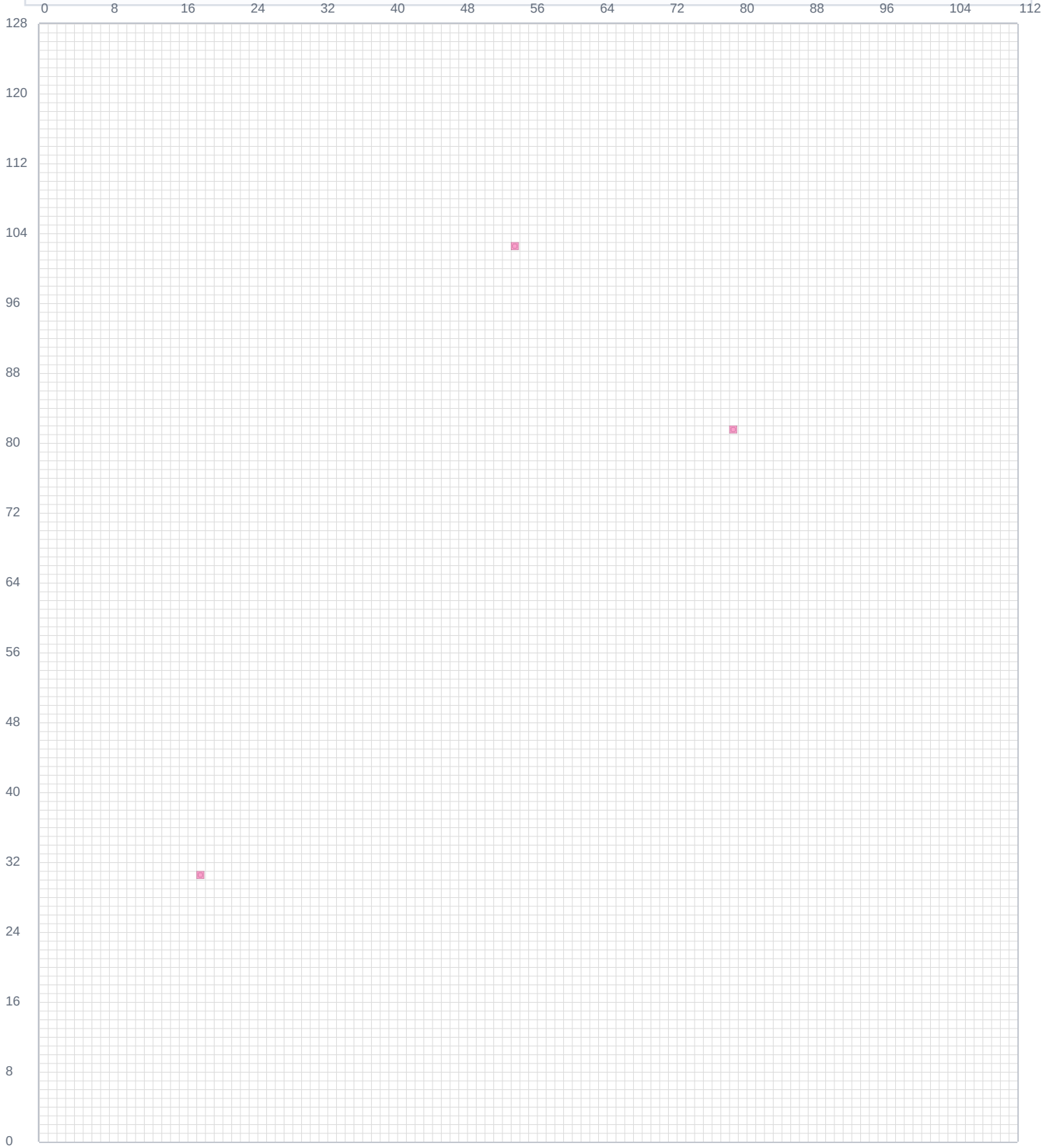


Layer 6 — Step 24 of 25

Color: Bright_Pink

This step needs:

- 1×1: 3

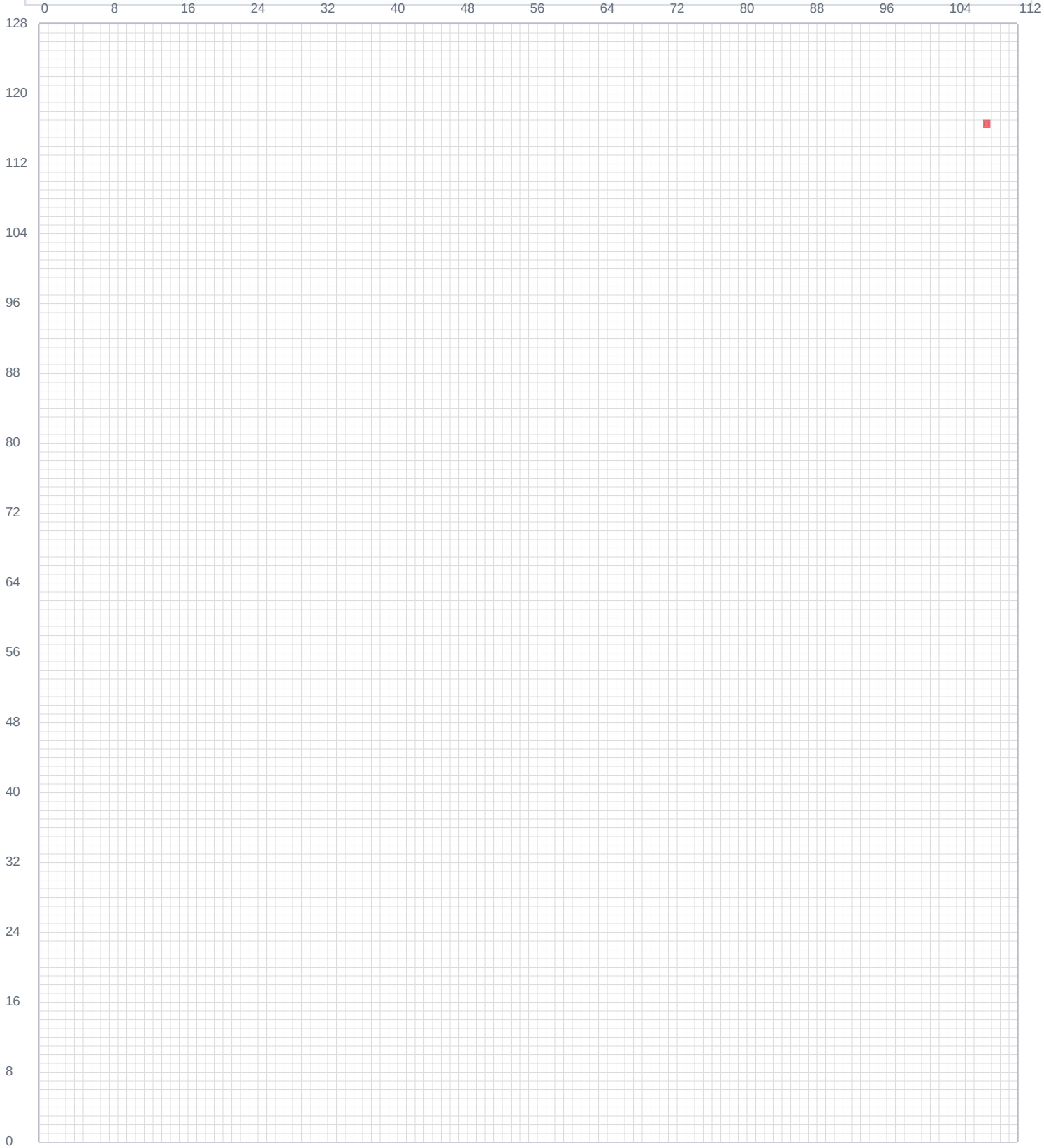


Layer 6 — Step 25 of 25

Color: Coral

This step needs:

- 1×1: 1

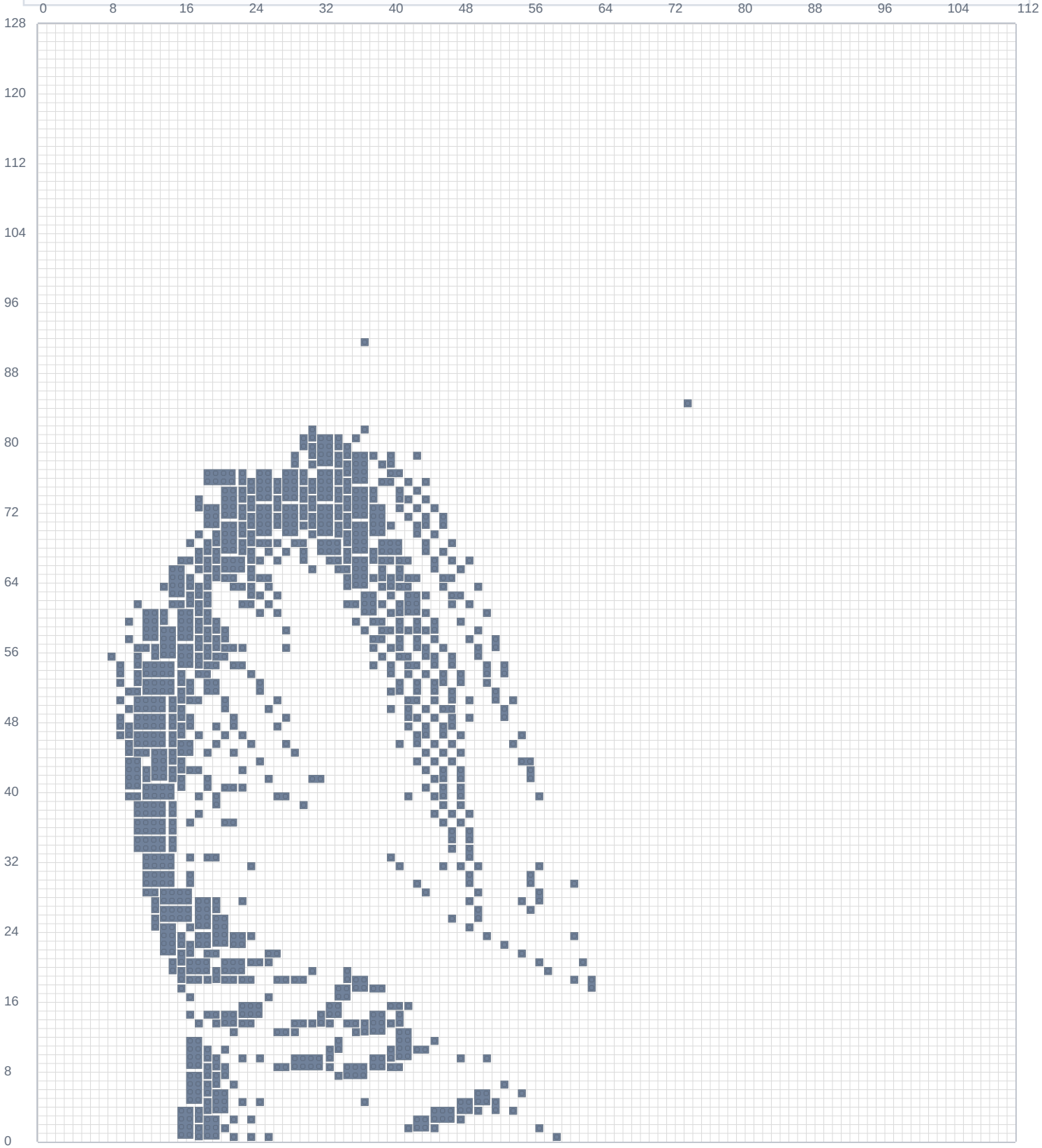


Layer 7 — Step 1 of 25

Color: Sand_Blue

This step needs:

2×4: 42 · 2×2: 27 · 1×2: 233 · 1×1: 211

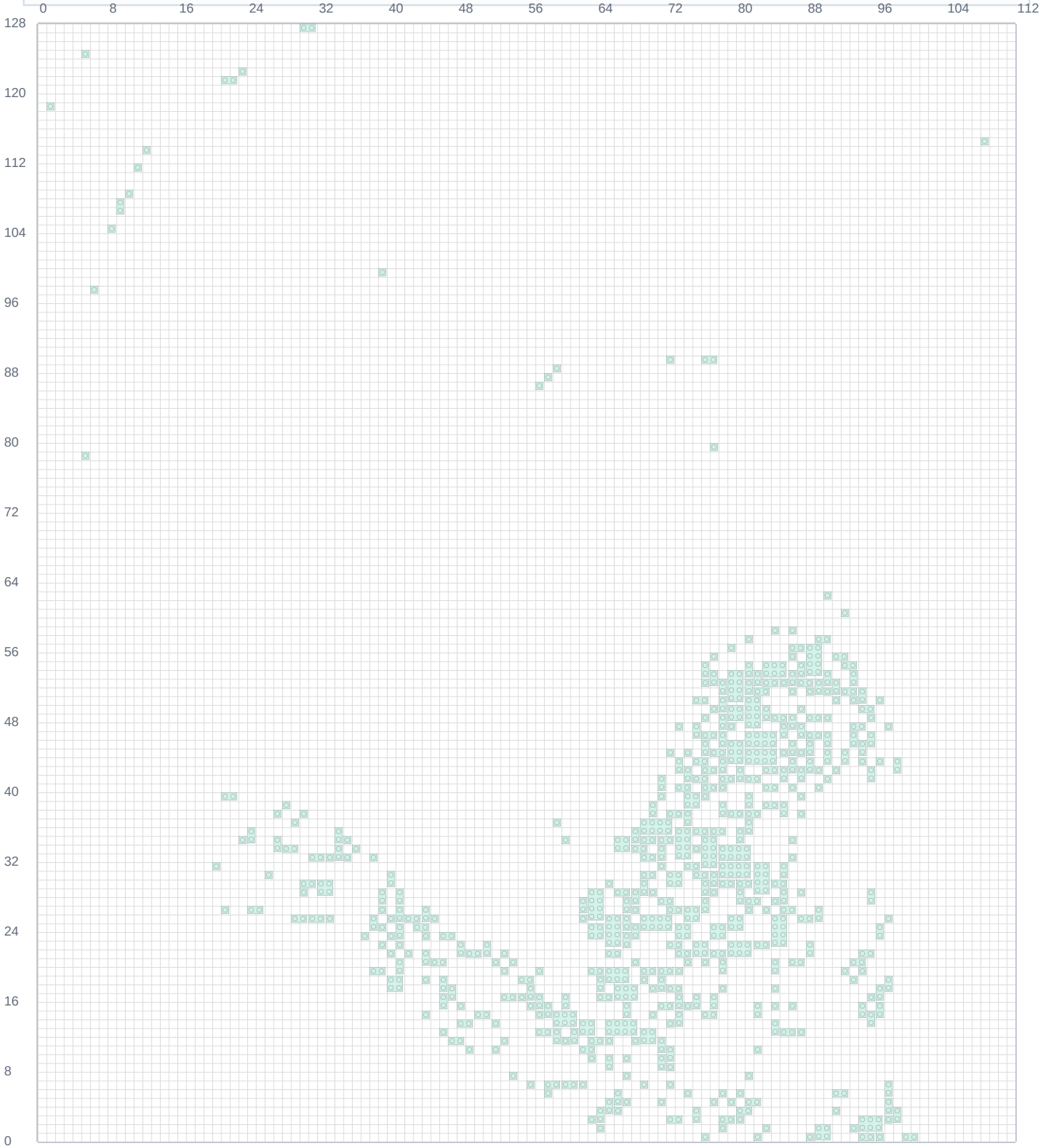


Layer 7 — Step 2 of 25

Color: Light_Aqua

This step needs:

2×4: 16 2×2: 22 1×2: 215 1×1: 167



Layer 7 — Step 3 of 25

Color: Blue

This step needs:

2×4: 11 · 2×2: 15 · 1×2: 174 · 1×1: 188



Layer 7 — Step 4 of 25

Color: White

This step needs:

2×4: 14 2×2: 30 1×2: 136 1×1: 120



Layer 7 — Step 5 of 25

Color: Tan

This step needs:

2×4: 7 · 2×2: 22 · 1×2: 124 · 1×1: 139

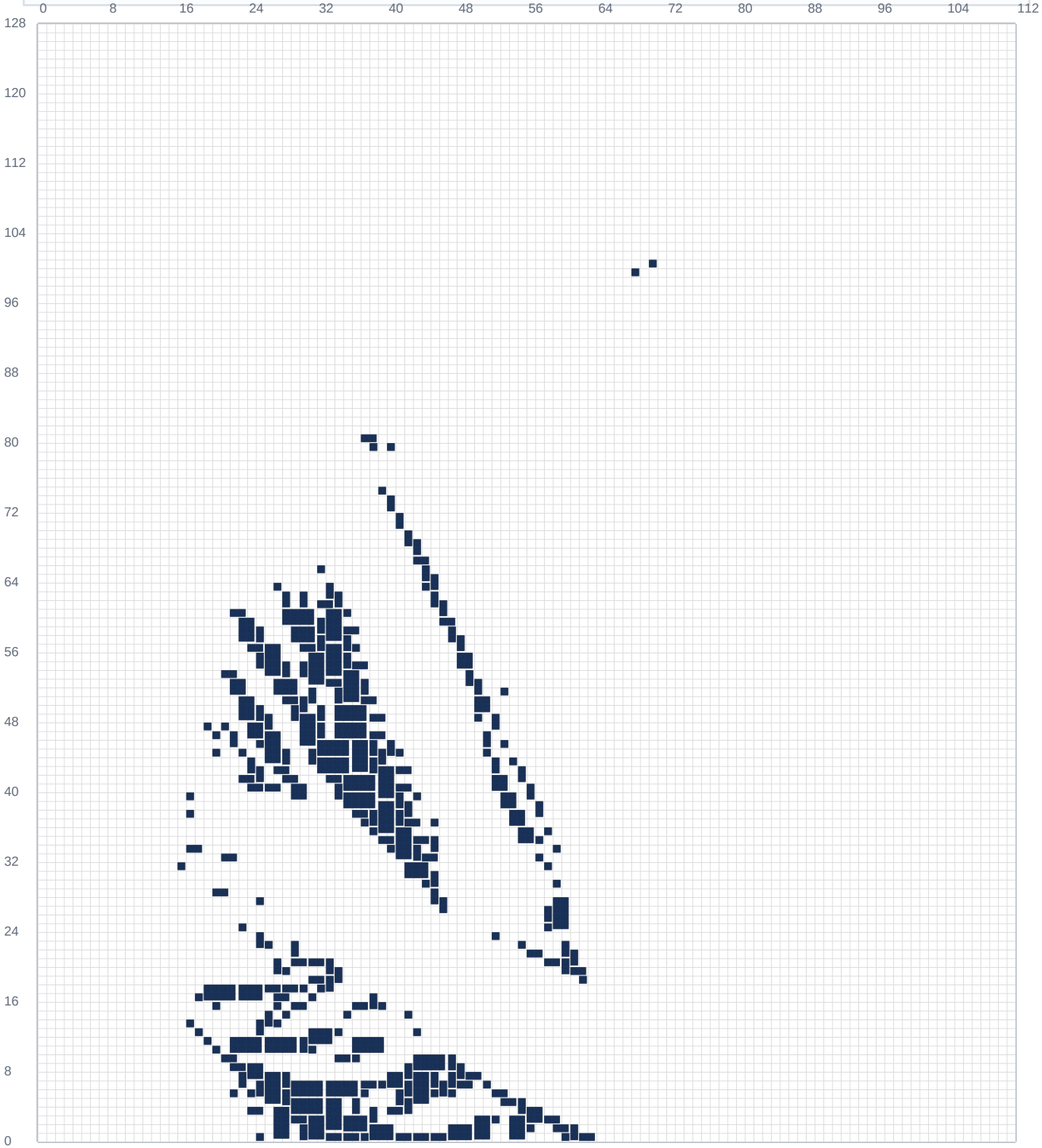


Layer 7 — Step 6 of 25

Color: Dark_Blue

This step needs:

2×4: 31 2×2: 25 1×2: 151 1×1: 76

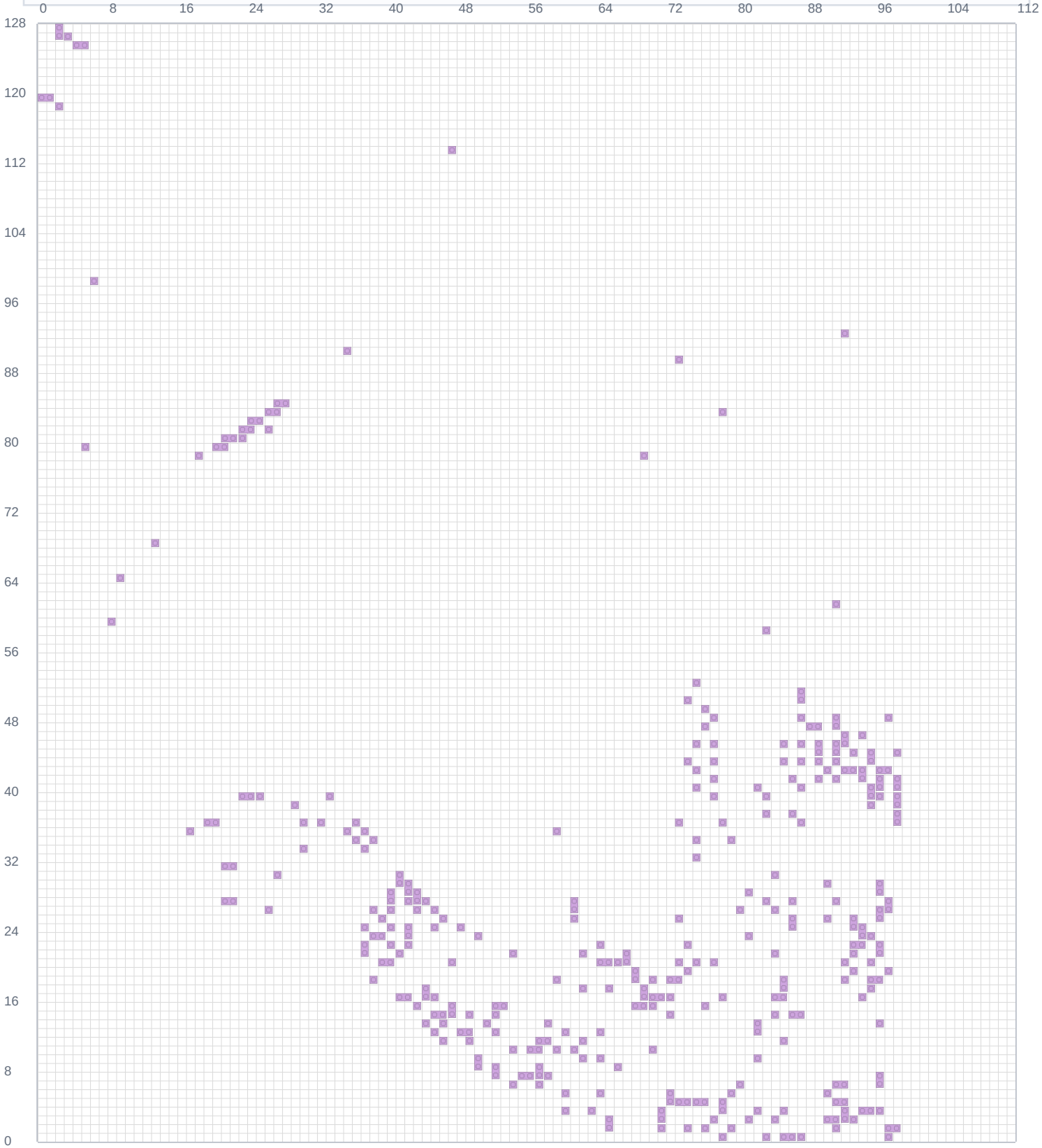


Layer 7 — Step 7 of 25

Color: Lavender

This step needs:

1×2: 83 1×1: 185



Layer 7 — Step 8 of 25

Color: Medium_Tan

This step needs:

2×4: 3 2×2: 3 1×2: 60 1×1: 101

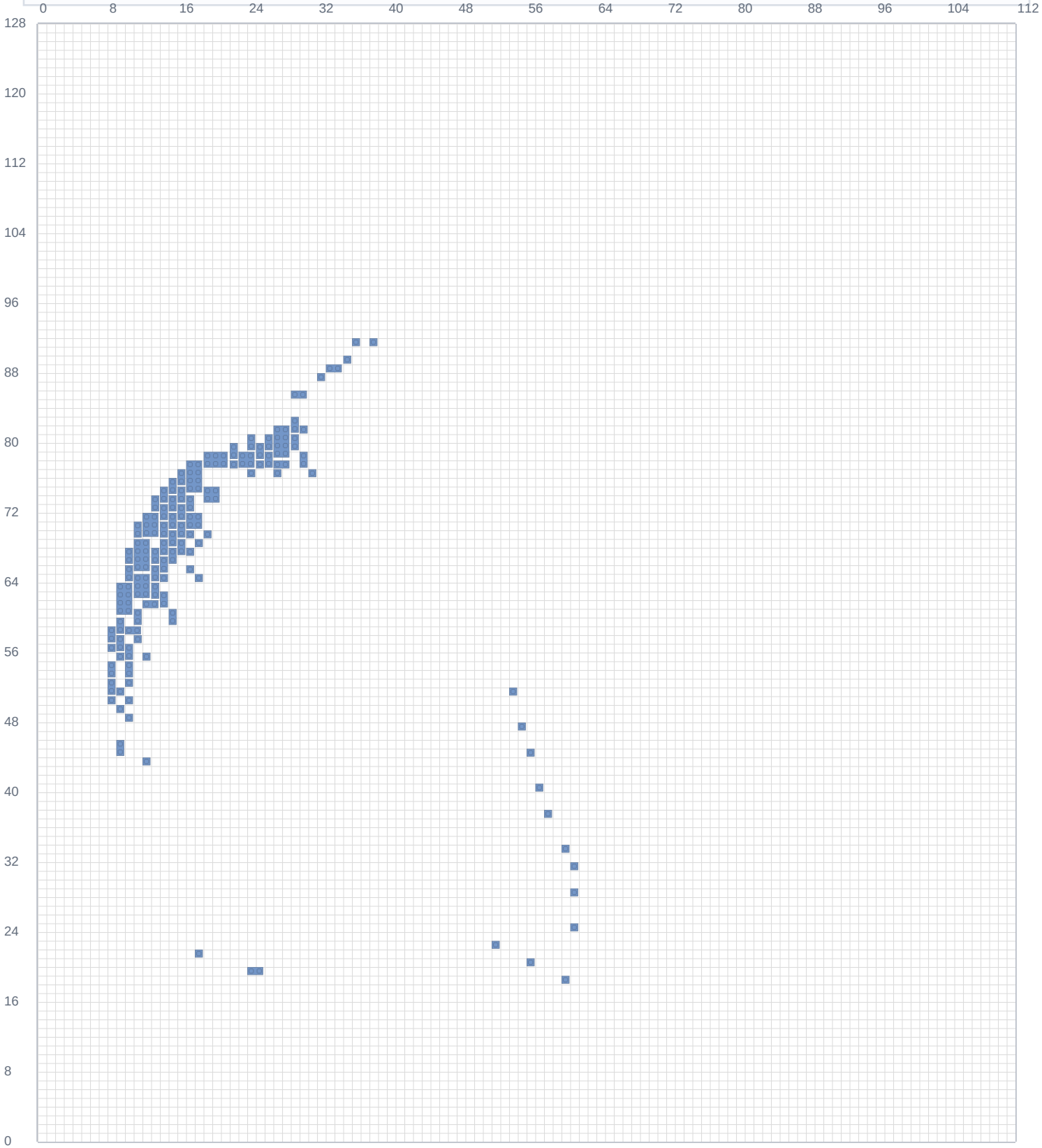


Layer 7 — Step 9 of 25

Color: Medium_Blue

This step needs:

2×4: 4 2×2: 6 1×2: 48 1×1: 41

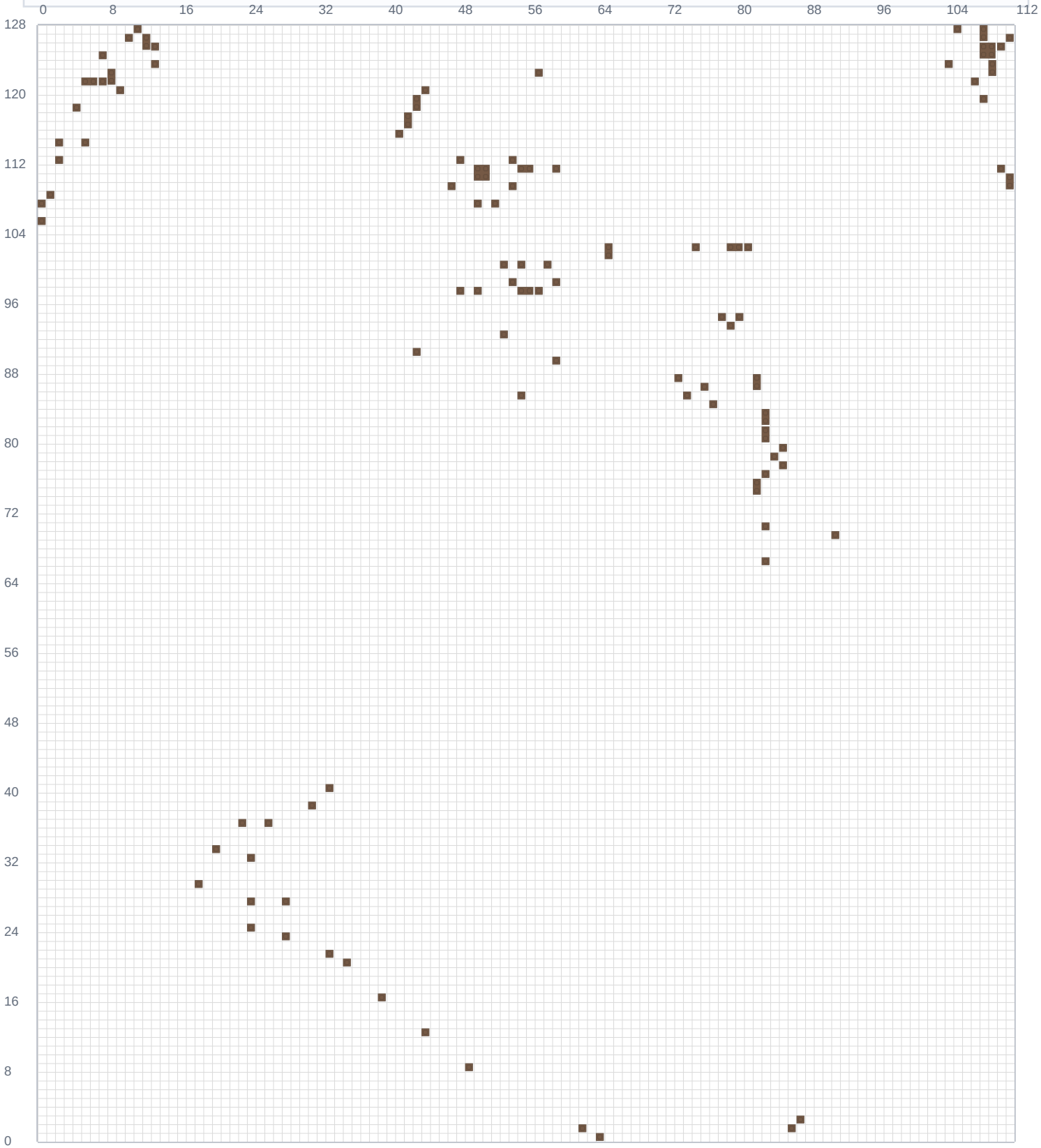


Layer 7 — Step 10 of 25

Color: Medium_Brown

This step needs:

2×2: 2 1×2: 16 1×1: 79

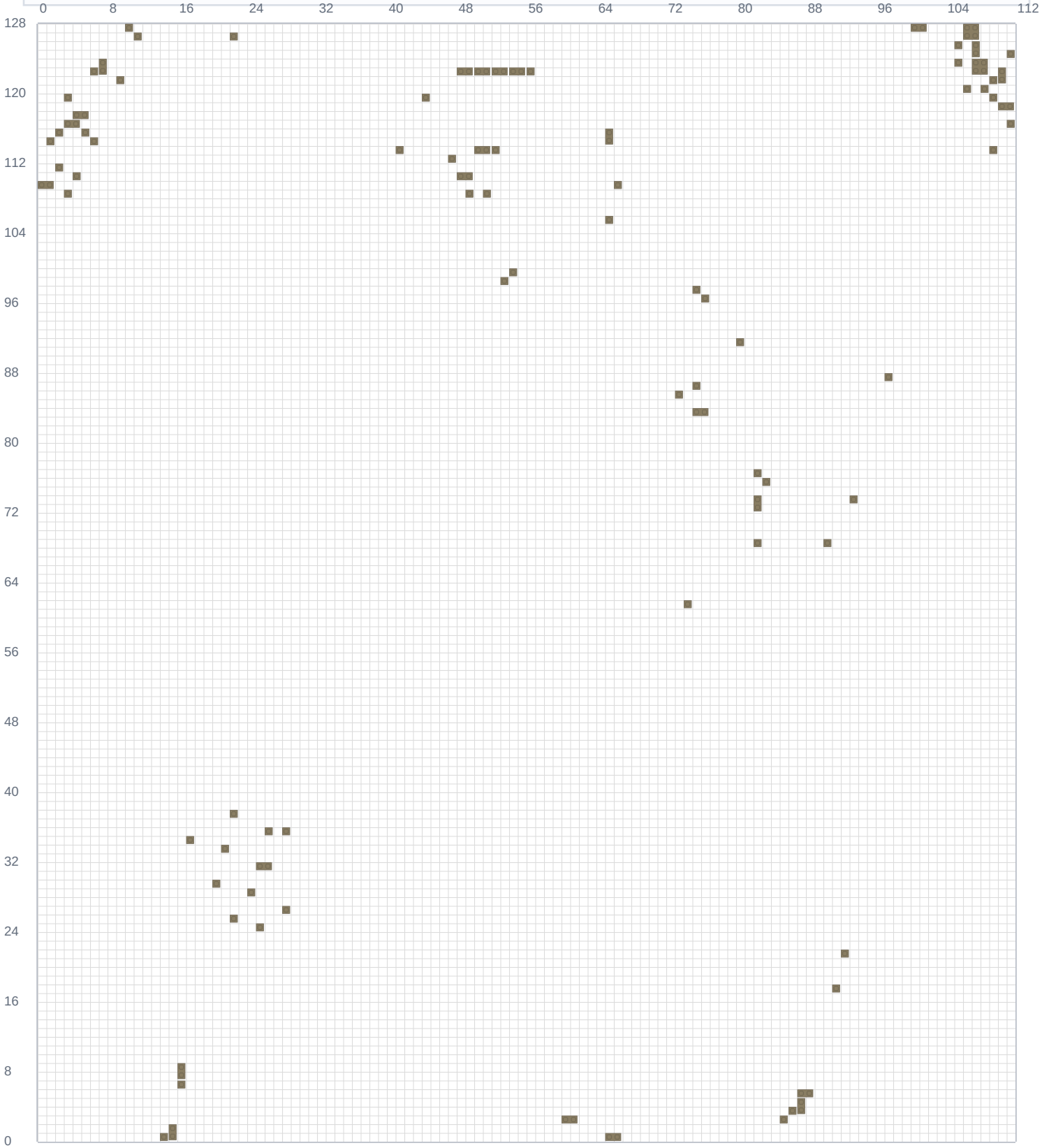


Layer 7 — Step 11 of 25

Color: Dark_Tan

This step needs:

2×2: 2 1×2: 24 1×1: 61

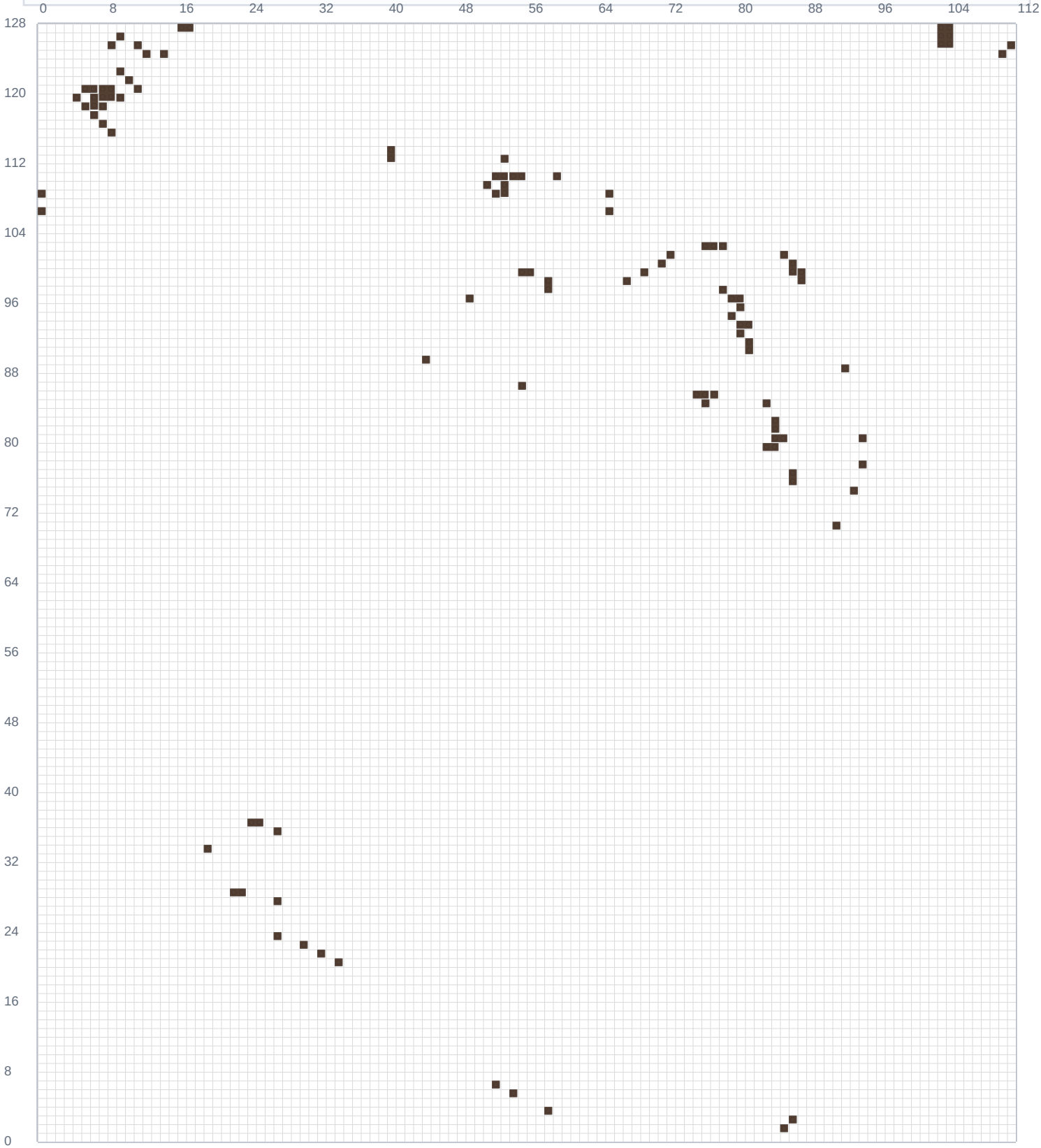


Layer 7 — Step 12 of 25

Color: Umber_Brown

This step needs:

2×2: 2 1×2: 22 1×1: 58

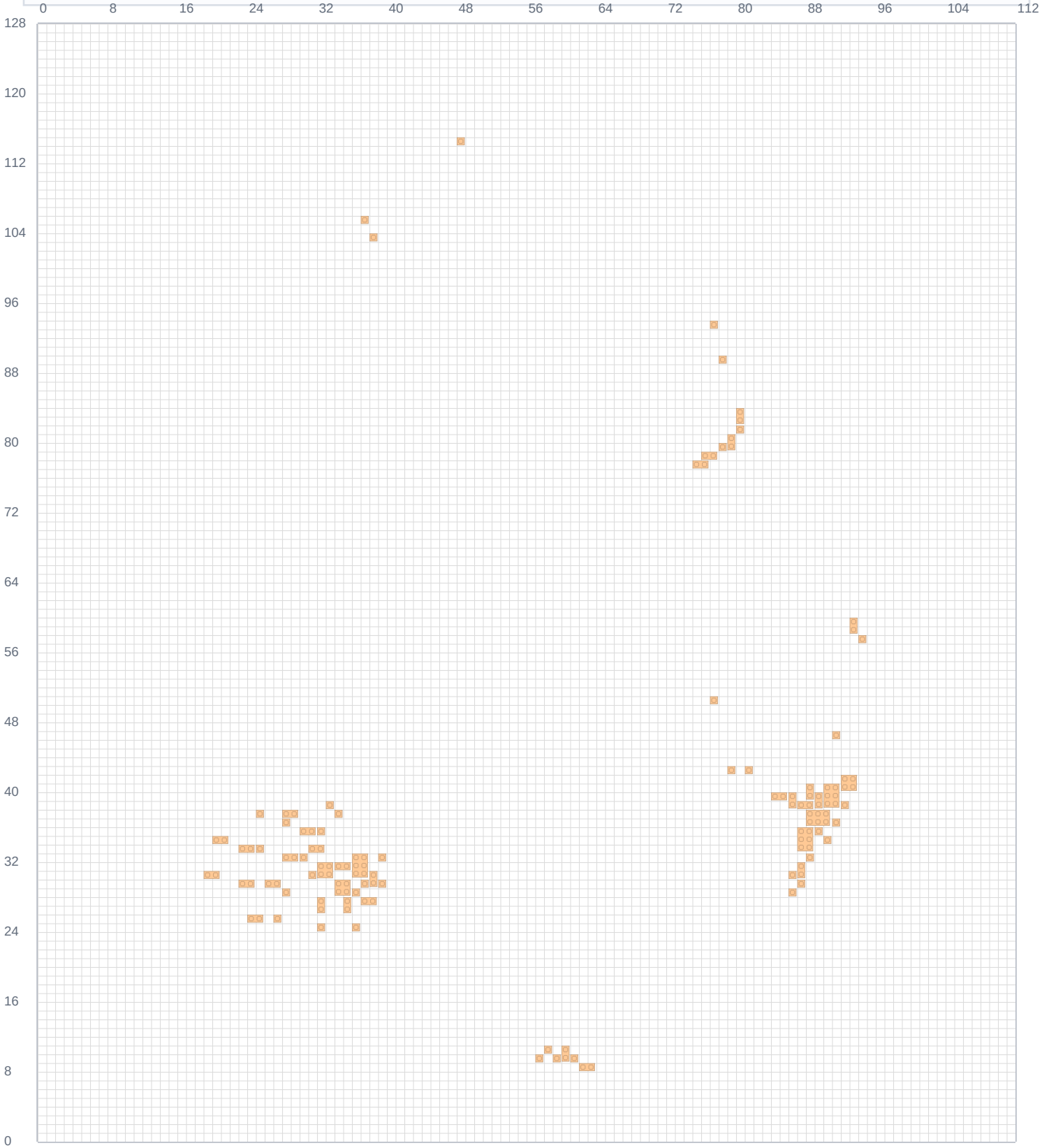


Layer 7 — Step 13 of 25

Color: Light_Nougat

This step needs:

2×2: 7 1×2: 28 1×1: 40

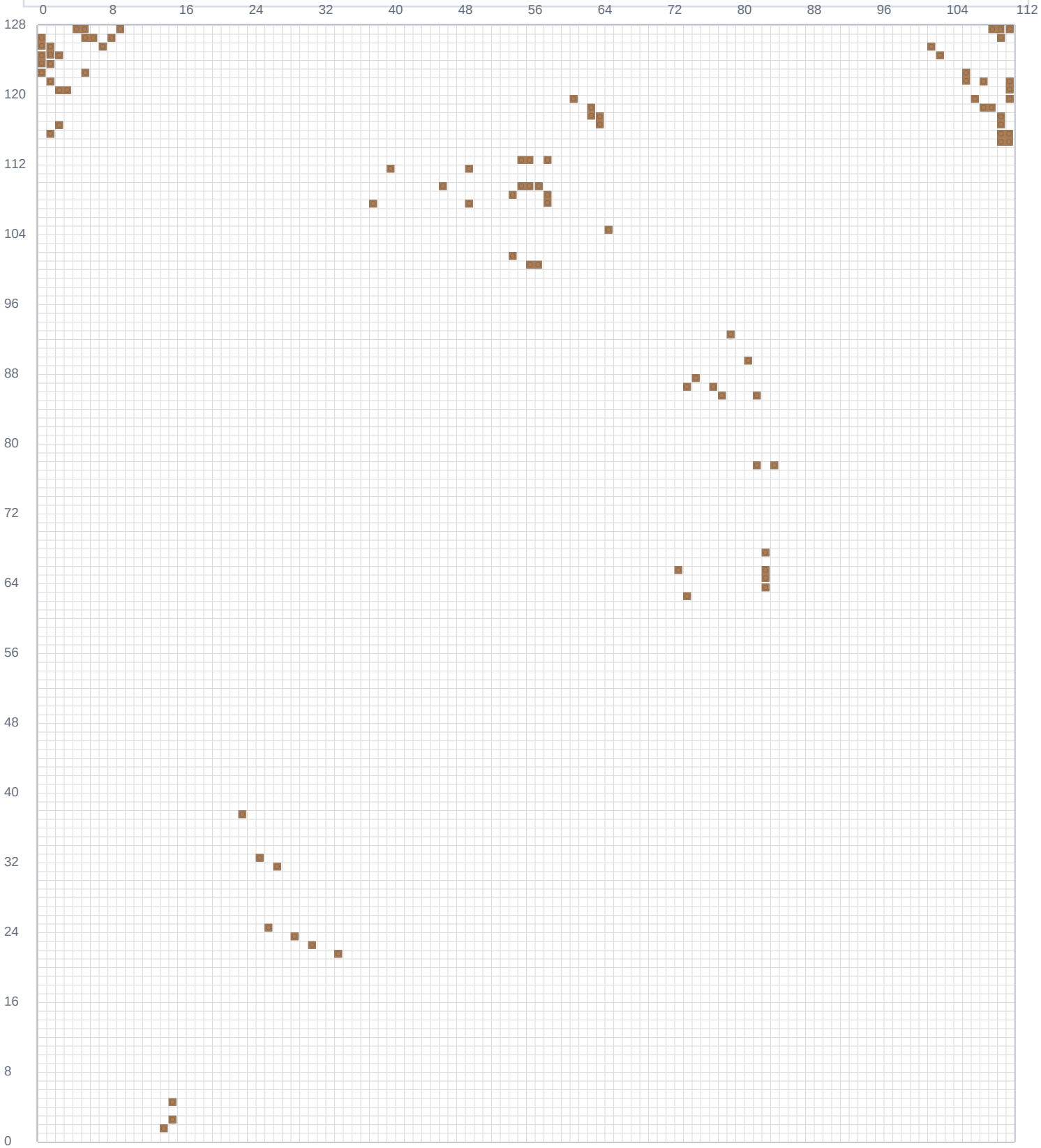


Layer 7 — Step 14 of 25

Color: Medium_Nougat

This step needs:

2×2: 1 1×2: 18 1×1: 51

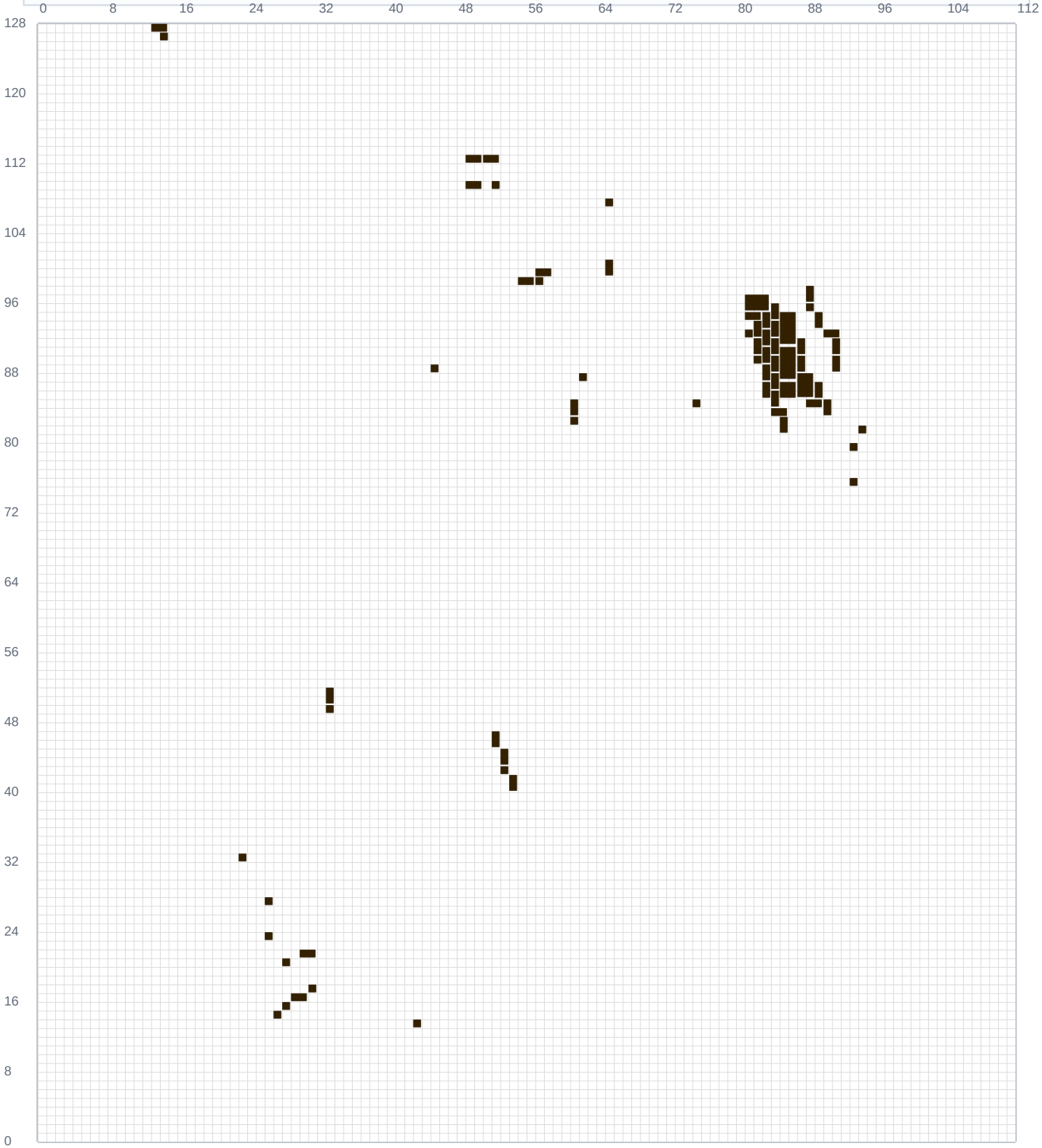


Layer 7 — Step 15 of 25

Color: Dark_Brown

This step needs:

2×4: 2 · 2×2: 3 · 1×2: 40 · 1×1: 24

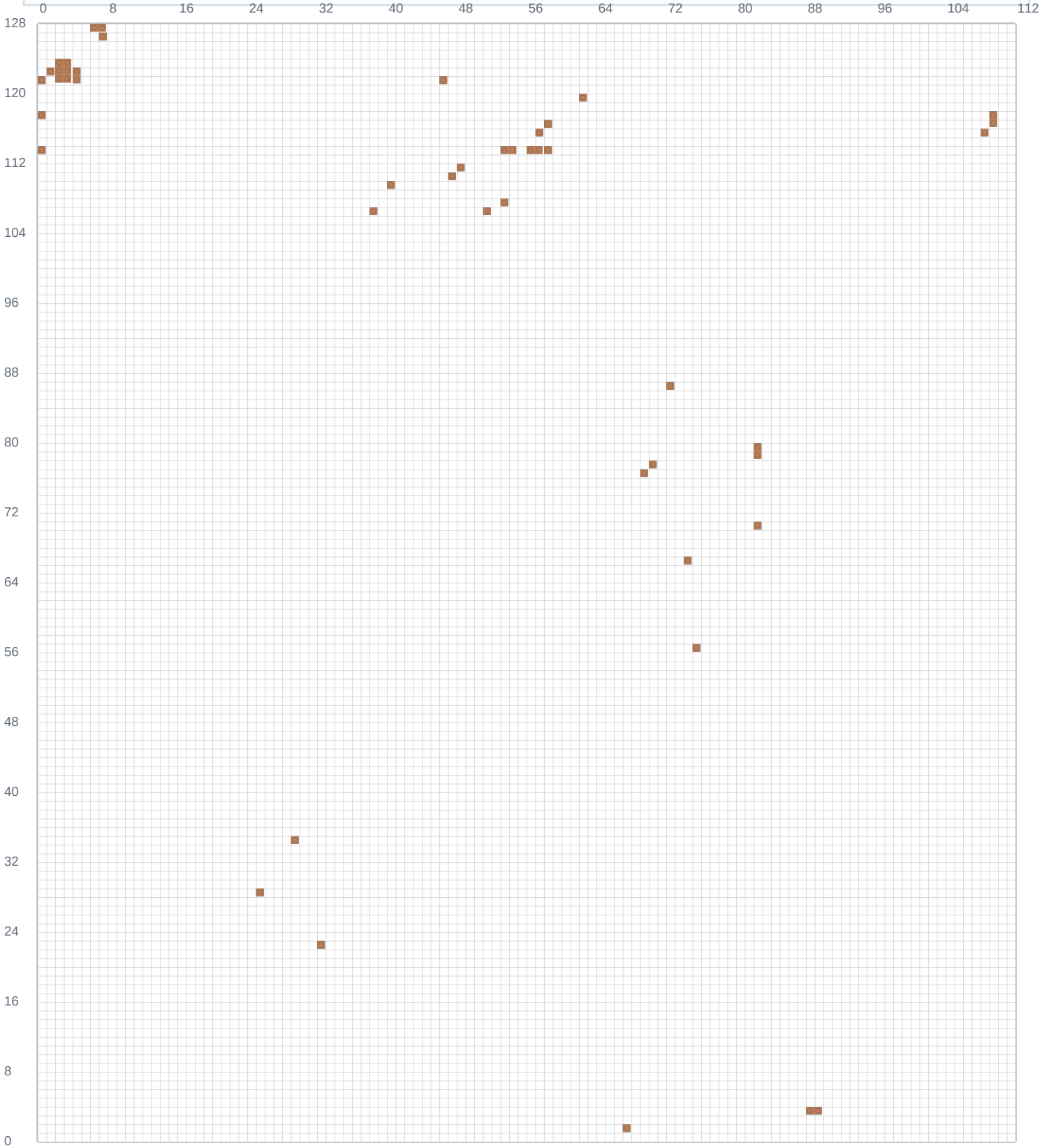


Layer 7 — Step 16 of 25

Color: Nougat

This step needs:

2×2: 1 1×2: 7 1×1: 27

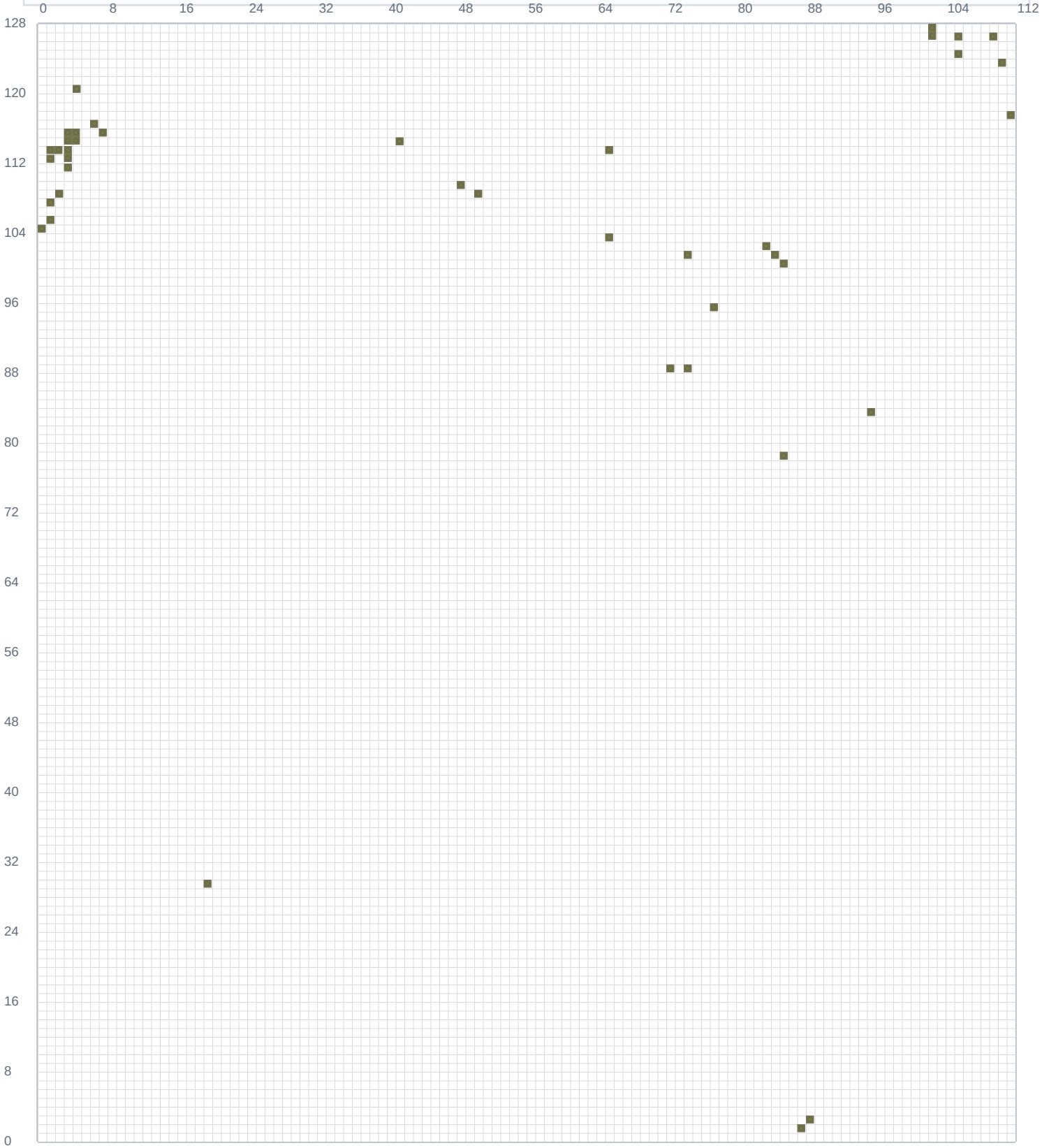


Layer 7 — Step 17 of 25

Color: Olive_Green

This step needs:

2×2: 1 1×2: 3 1×1: 31

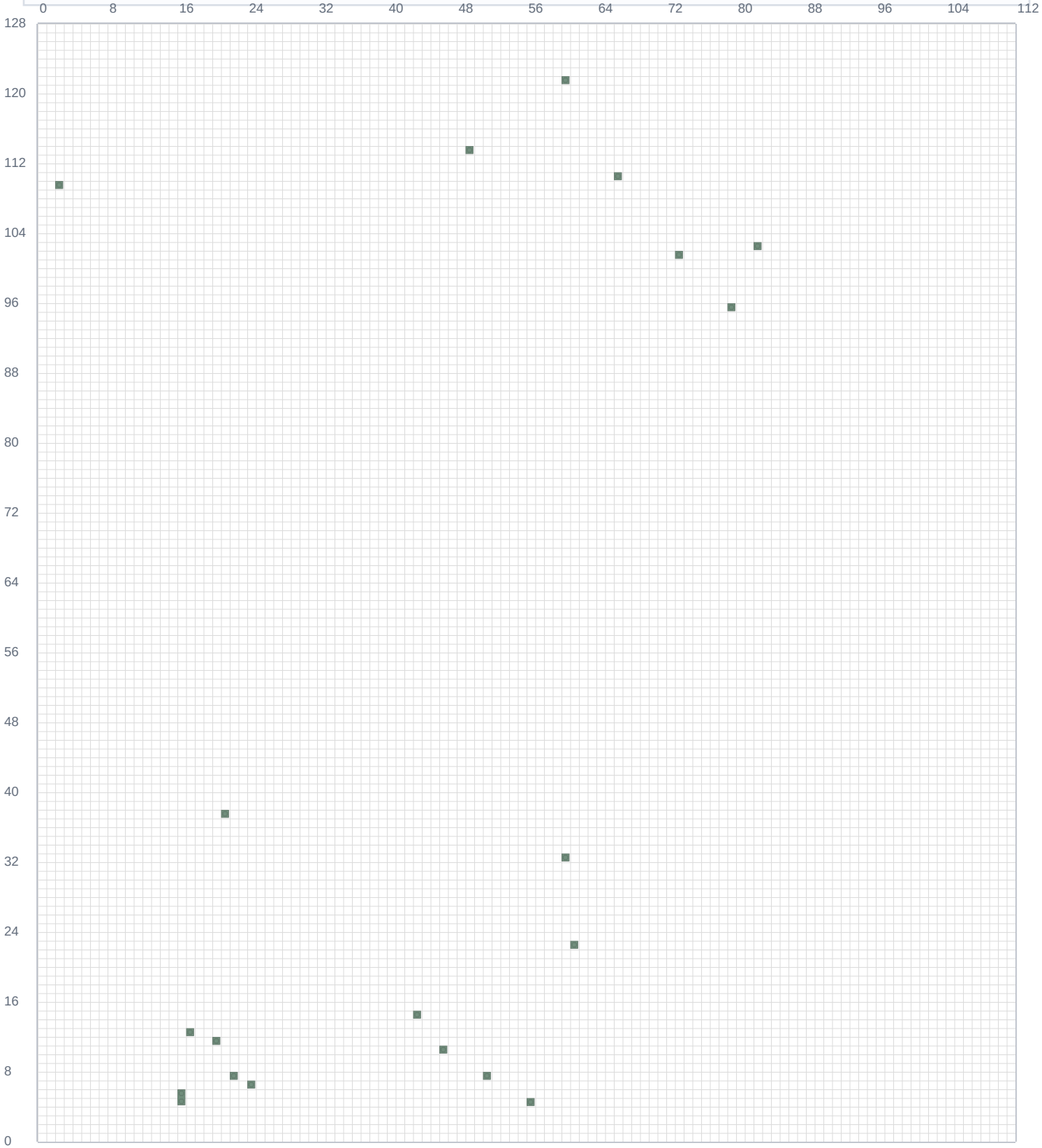


Layer 7 — Step 18 of 25

Color: Sand_Green

This step needs:

1×2: 1 1×1: 18



Layer 7 — Step 19 of 25

Color: Reddish_Brown

This step needs:

2×2: 1 1×2: 5 1×1: 8

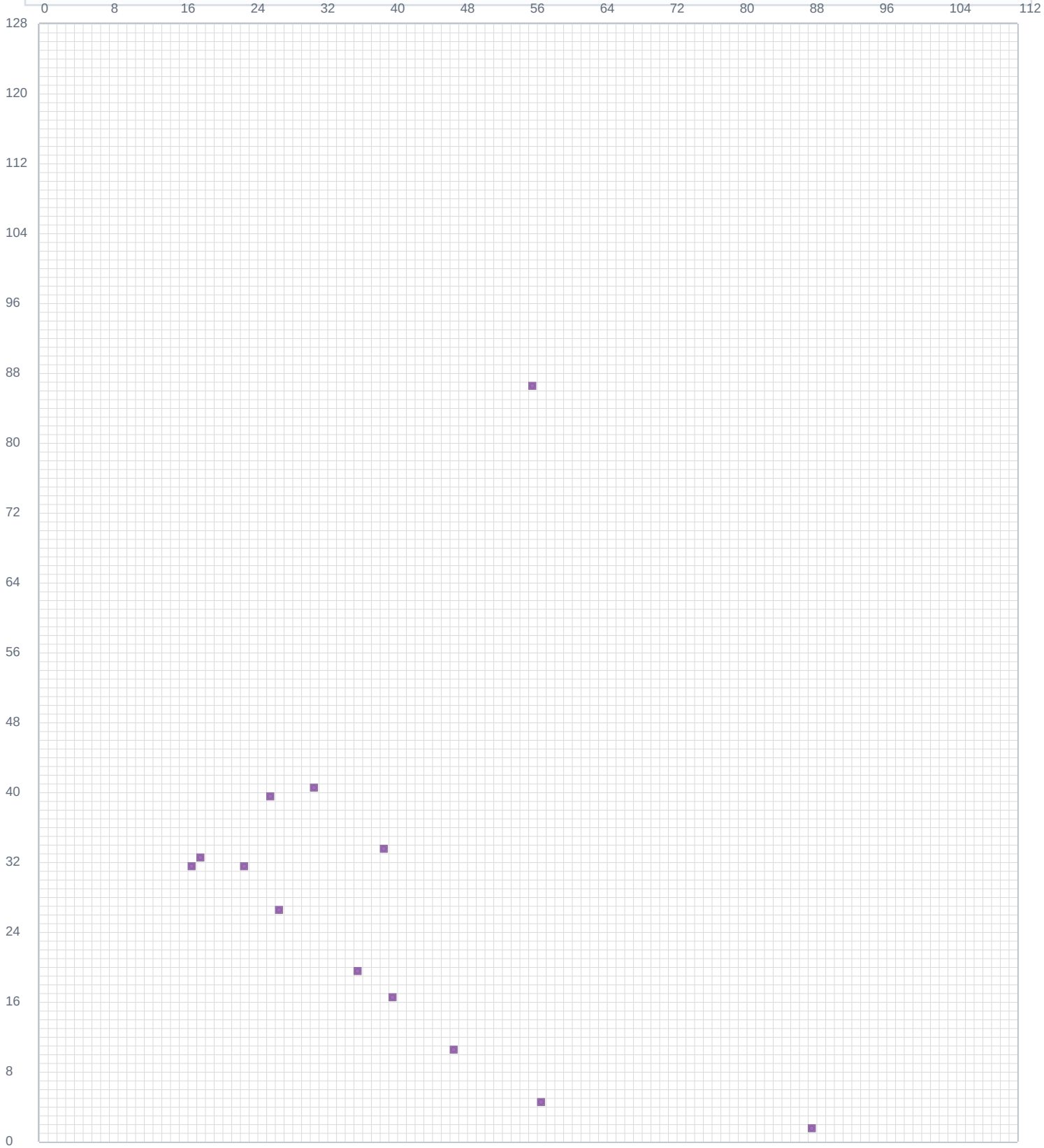


Layer 7 — Step 20 of 25

Color: Medium_Lavender

This step needs:

- 1×1: 13

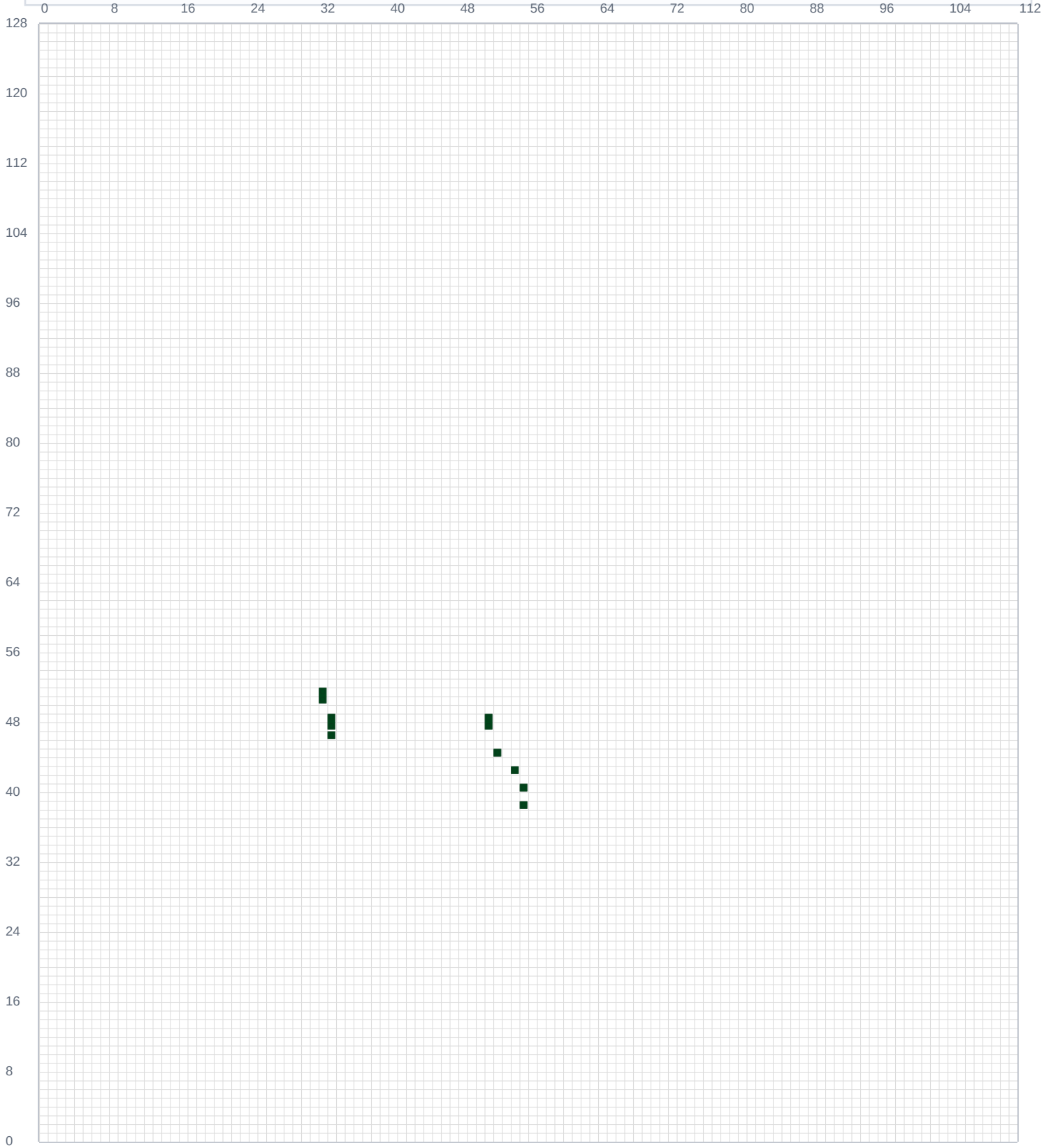


Layer 7 — Step 21 of 25

Color: Dark_Green

This step needs:

1×2: 3 1×1: 5

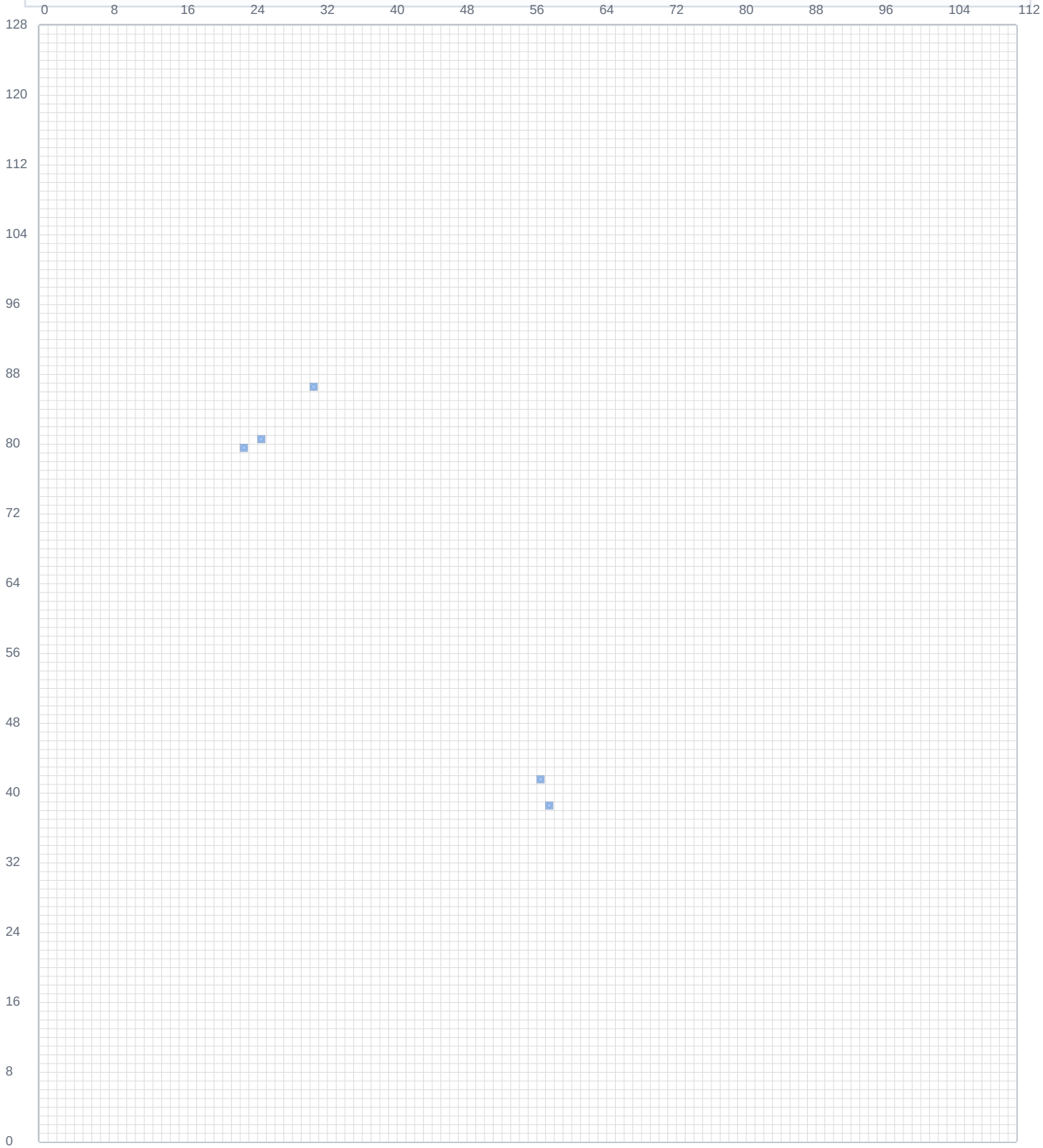


Layer 7 — Step 22 of 25

Color: Bright_Light_Blue

This step needs:

- 1×1: 5

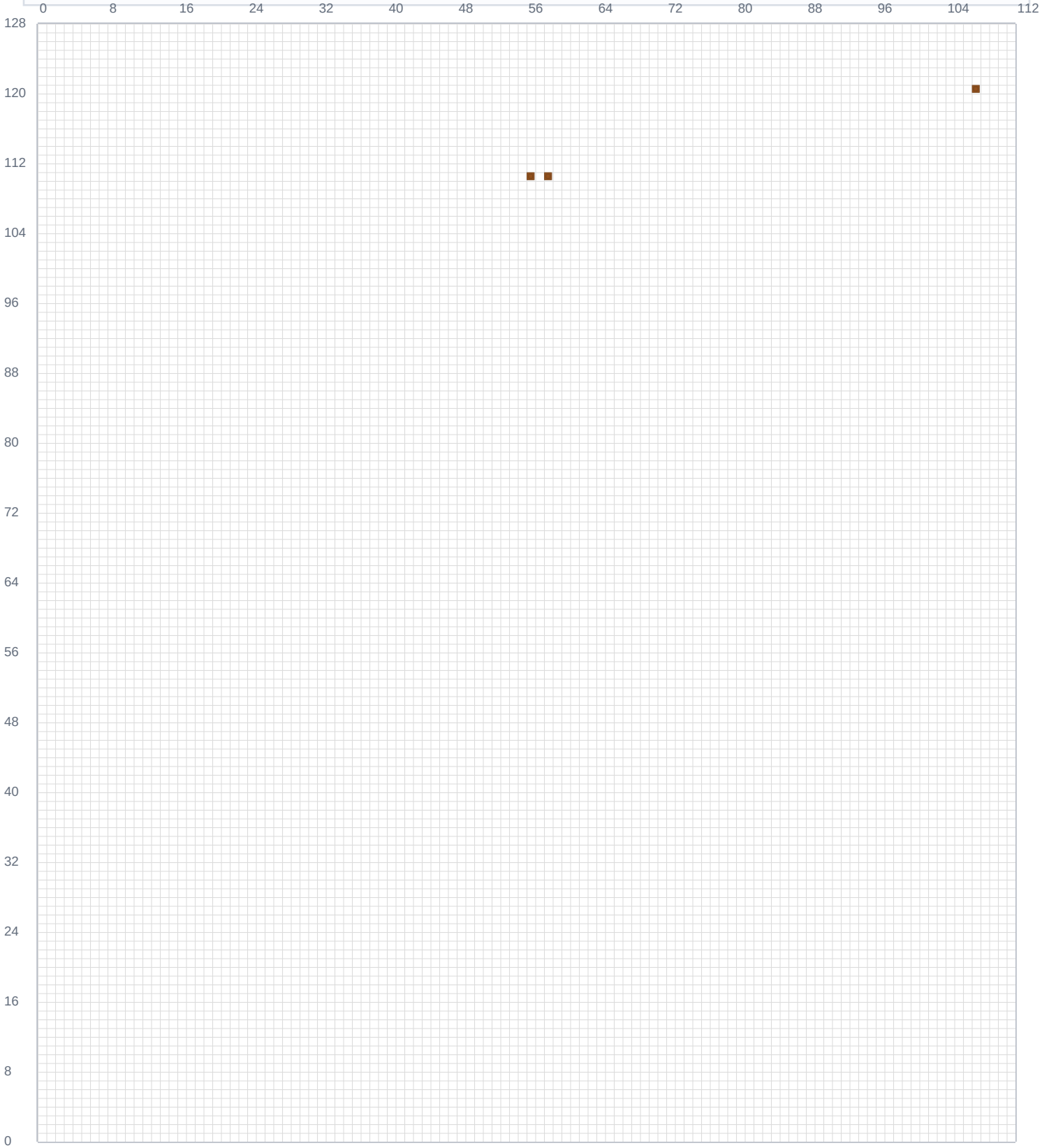


Layer 7 — Step 23 of 25

Color: Dark_Orange

This step needs:

- 1×1: 3

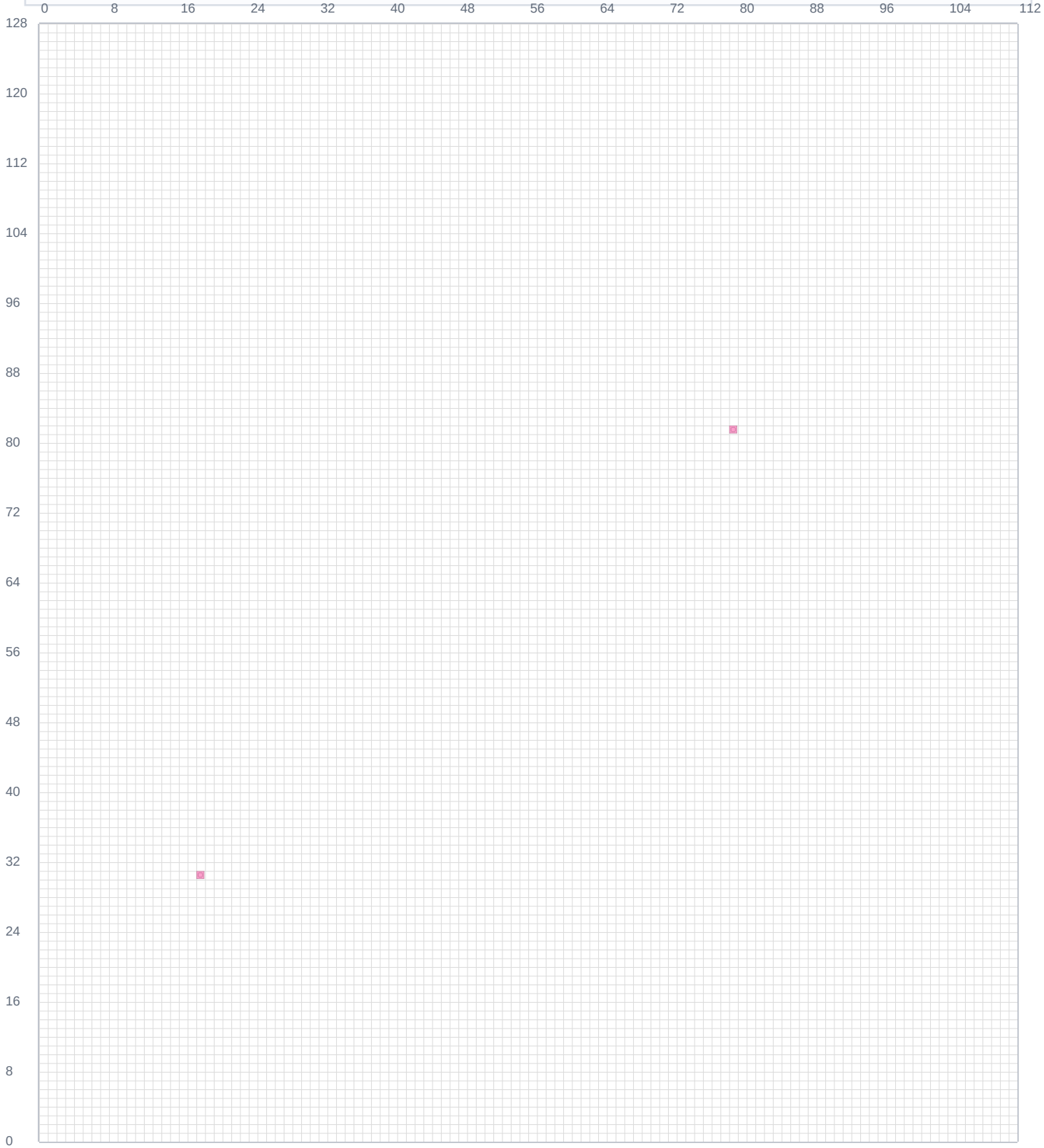


Layer 7 — Step 24 of 25

Color: Bright_Pink

This step needs:

- 1×1: 2

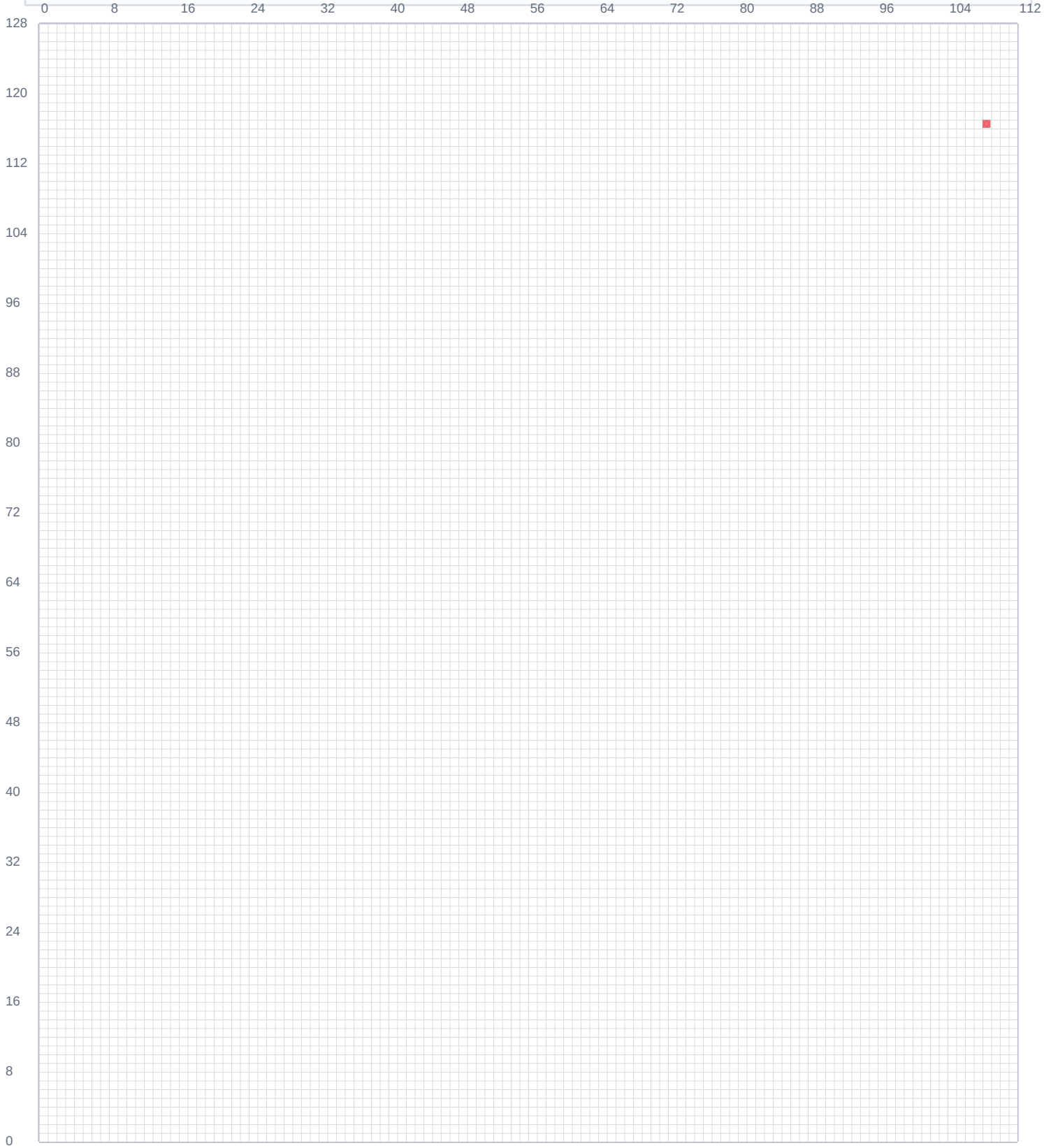


Layer 7 — Step 25 of 25

Color: Coral

This step needs:

- 1×1: 1

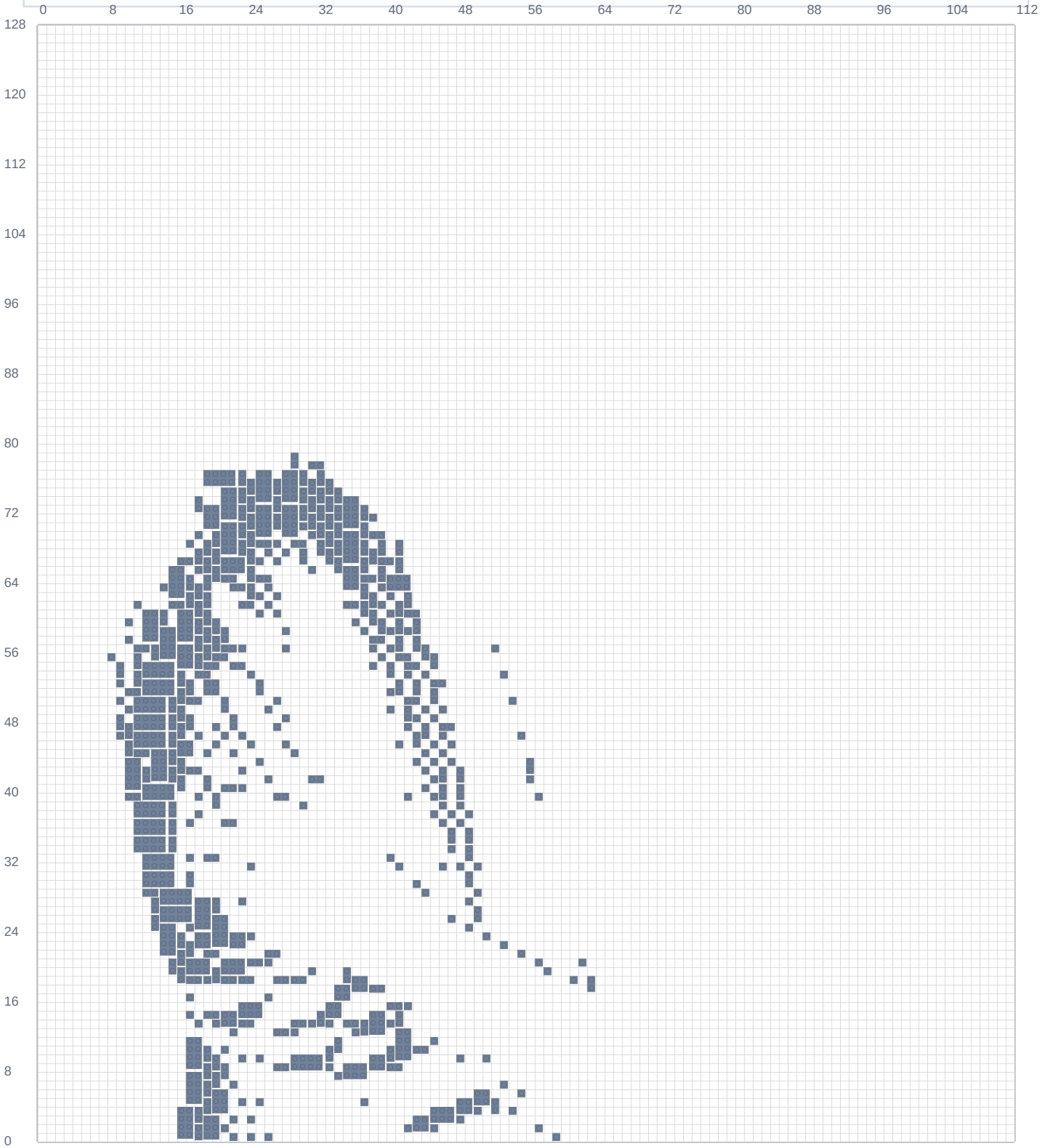


Layer 8 — Step 1 of 24

Color: Sand_Blue

This step needs:

2×4: 36 · 2×2: 25 · 1×2: 212 · 1×1: 167

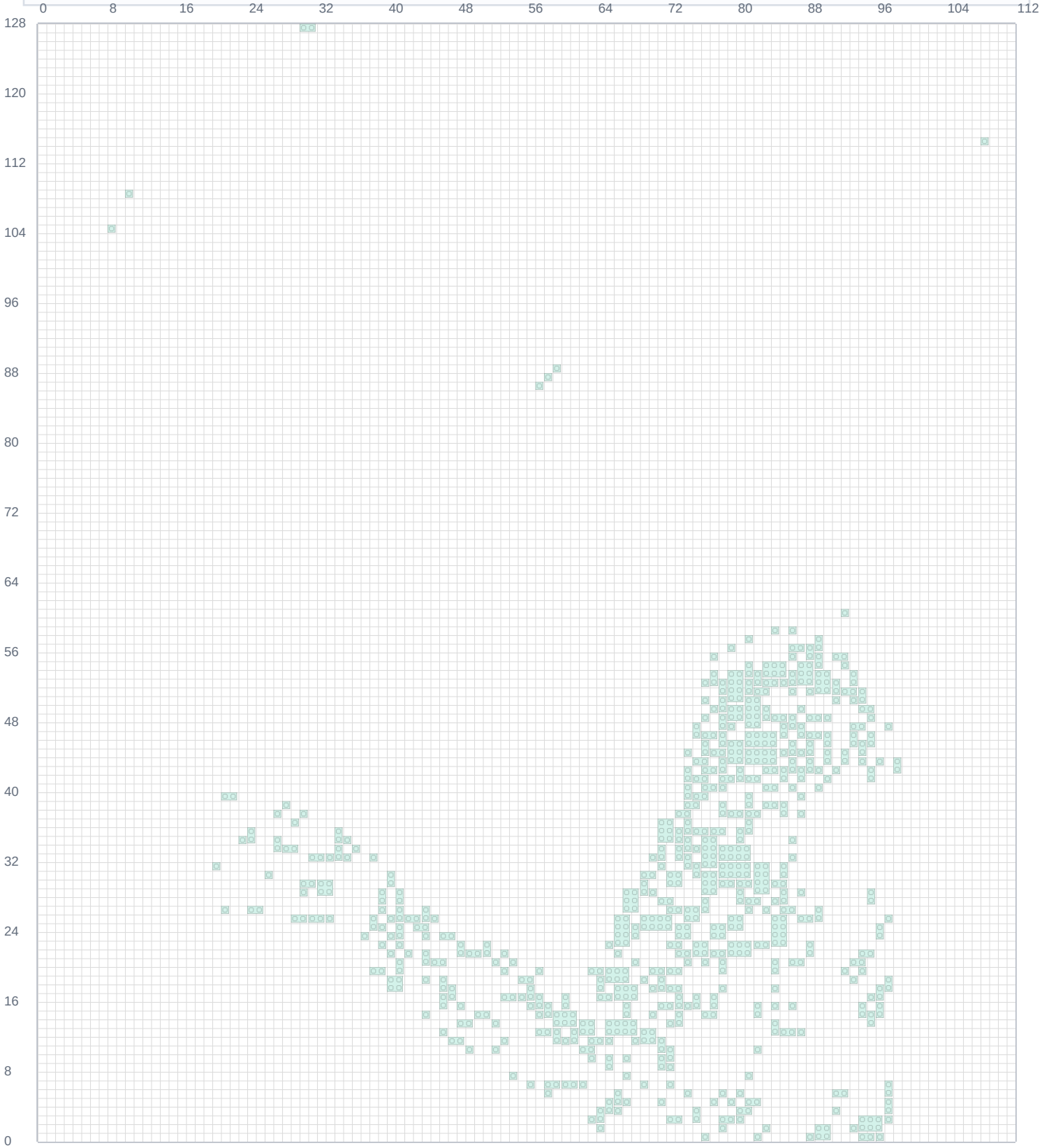


Layer 8 — Step 2 of 24

Color: Light_Aqua

This step needs:

2×4: 12 2×2: 24 1×2: 193 1×1: 148

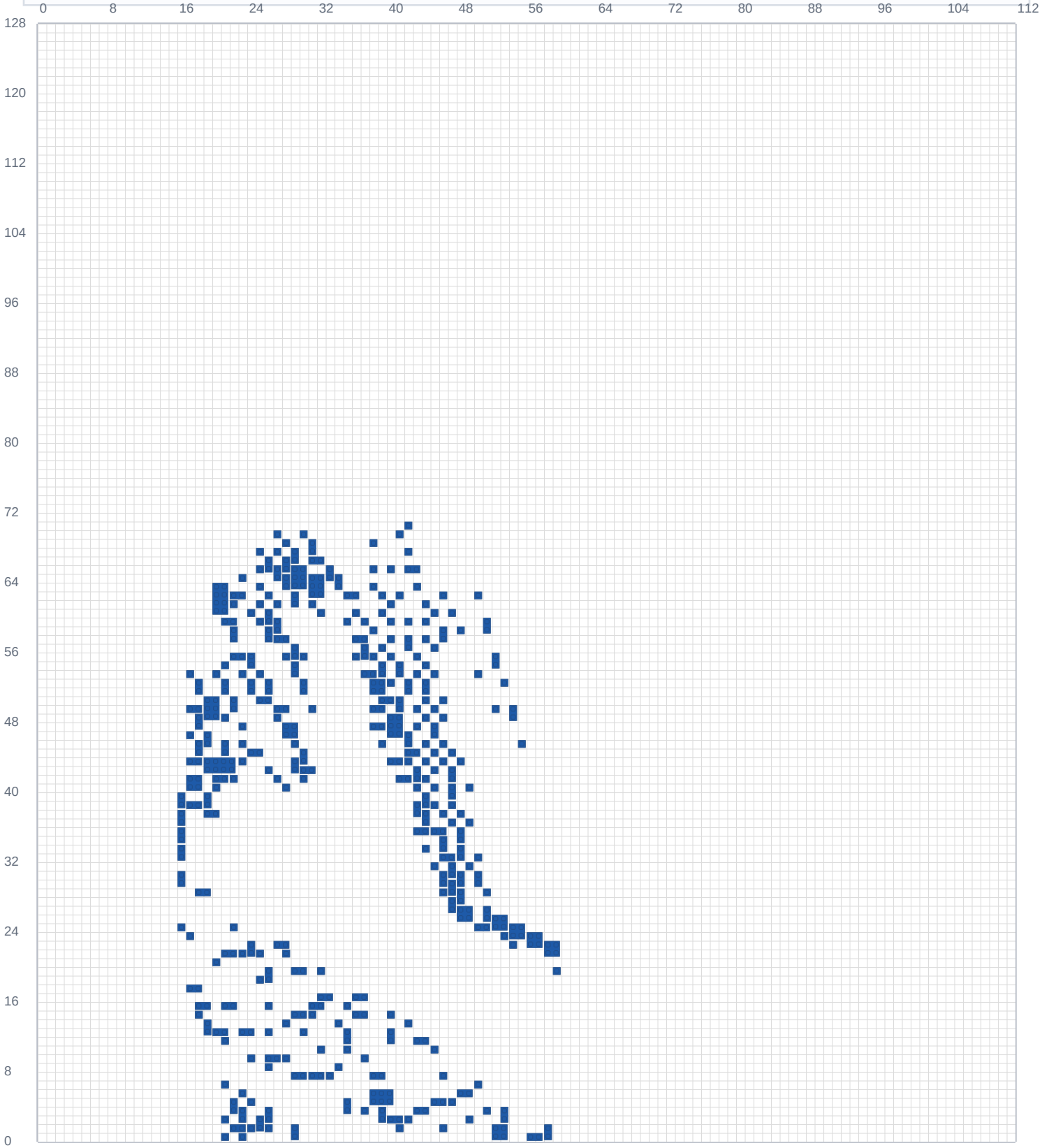


Layer 8 — Step 3 of 24

Color: Blue

This step needs:

2×4: 2 · 2×2: 14 · 1×2: 131 · 1×1: 160



Layer 8 — Step 4 of 24

Color: White

This step needs:

2×4: 13 2×2: 27 1×2: 126 1×1: 109

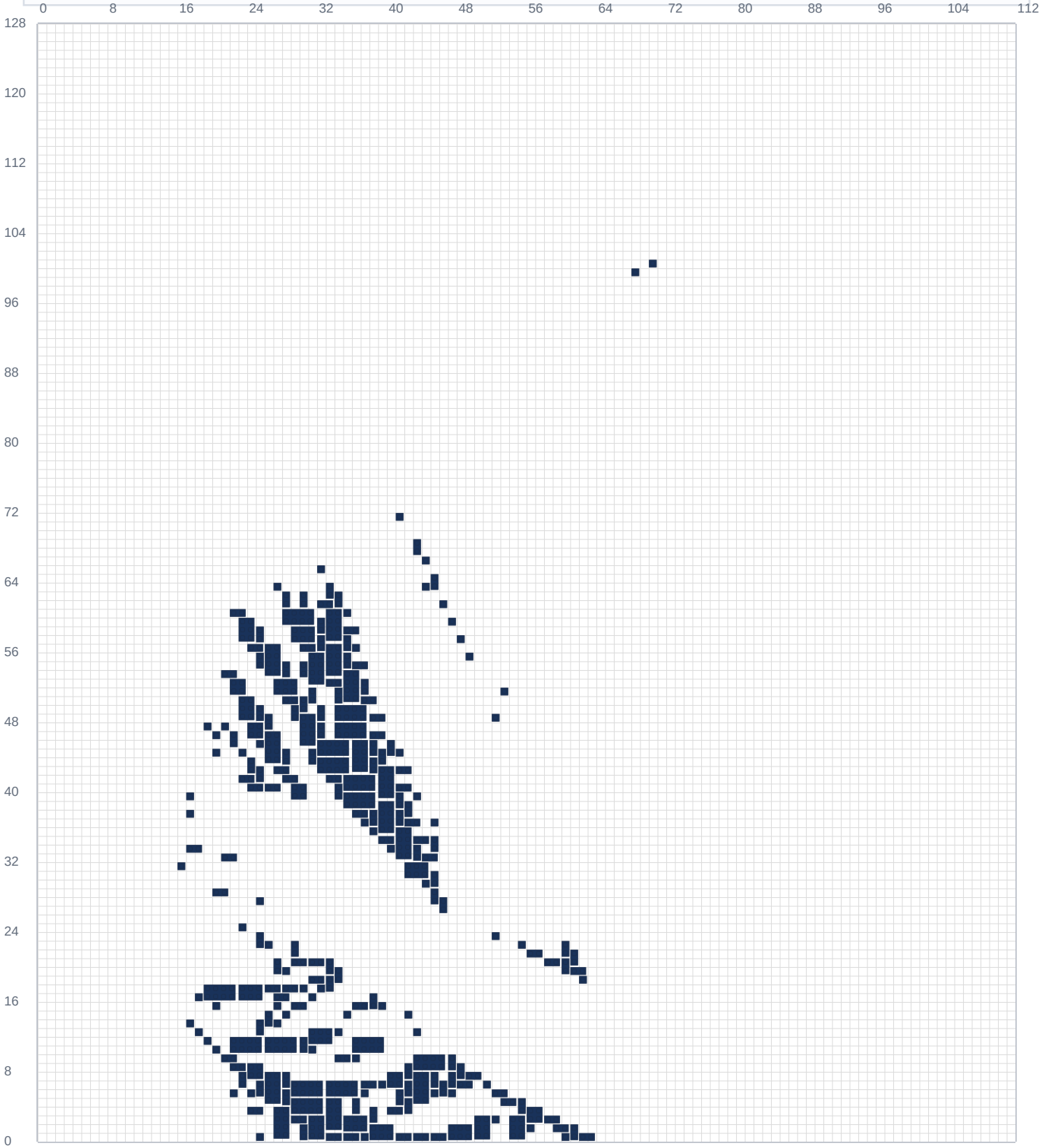


Layer 8 — Step 5 of 24

Color: Dark_Blue

This step needs:

2×4: 30 | 2×2: 19 | 1×2: 131 | 1×1: 69

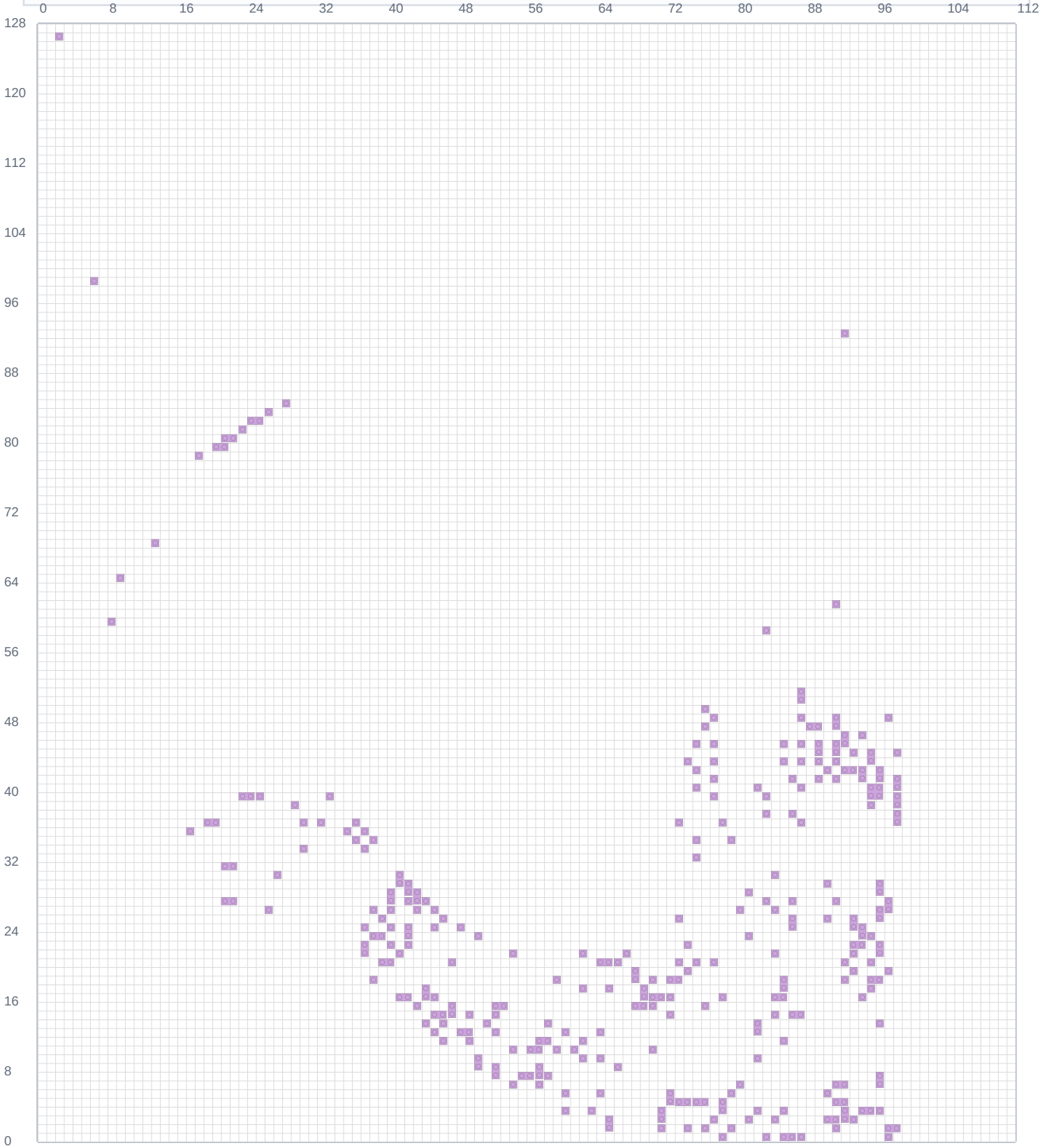


Layer 8 — Step 6 of 24

Color: Lavender

This step needs:

2×2: 1 1×2: 73 1×1: 174

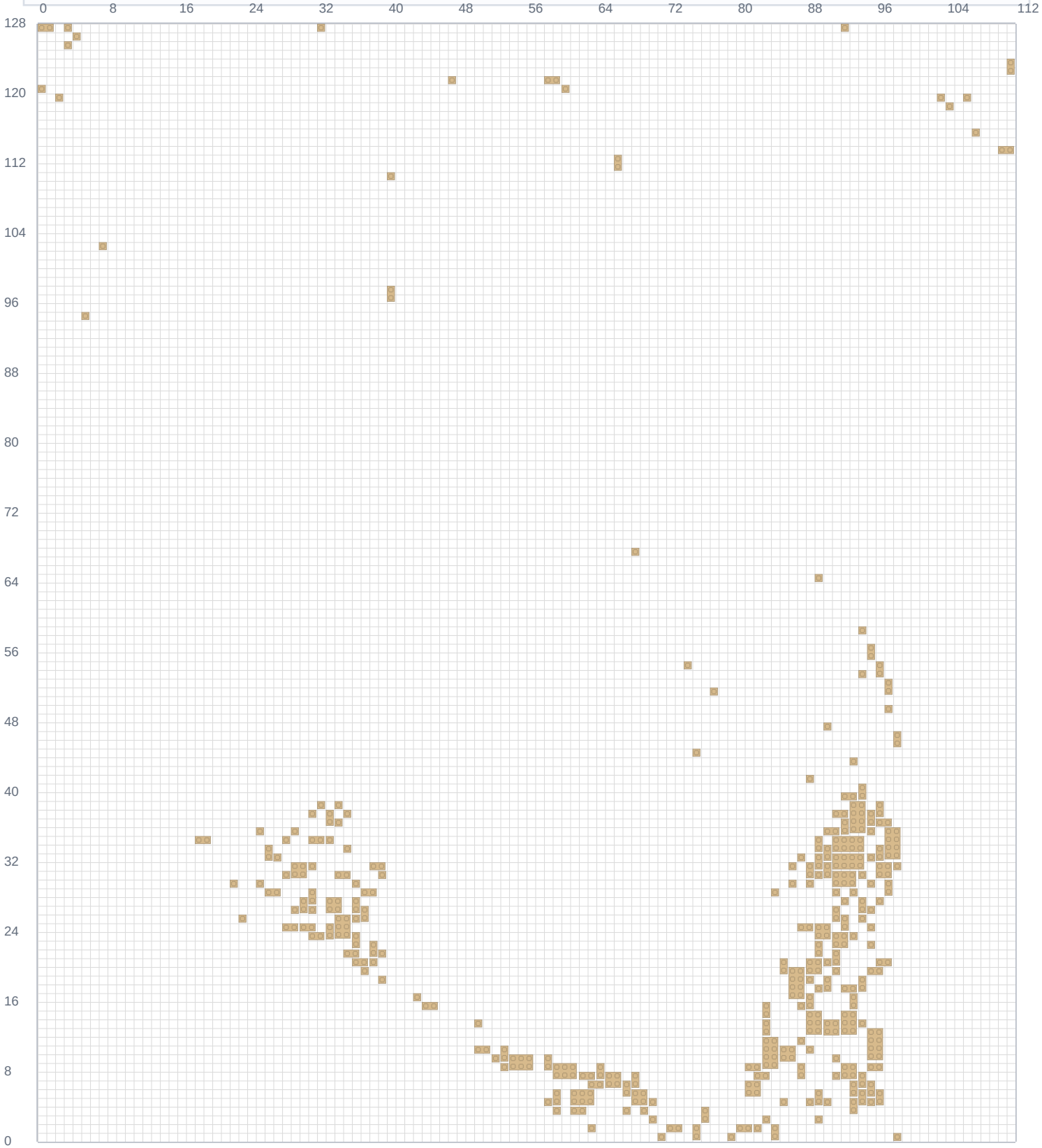


Layer 8 — Step 7 of 24

Color: Tan

This step needs:

2×4: 7 2×2: 19 1×2: 88 1×1: 103

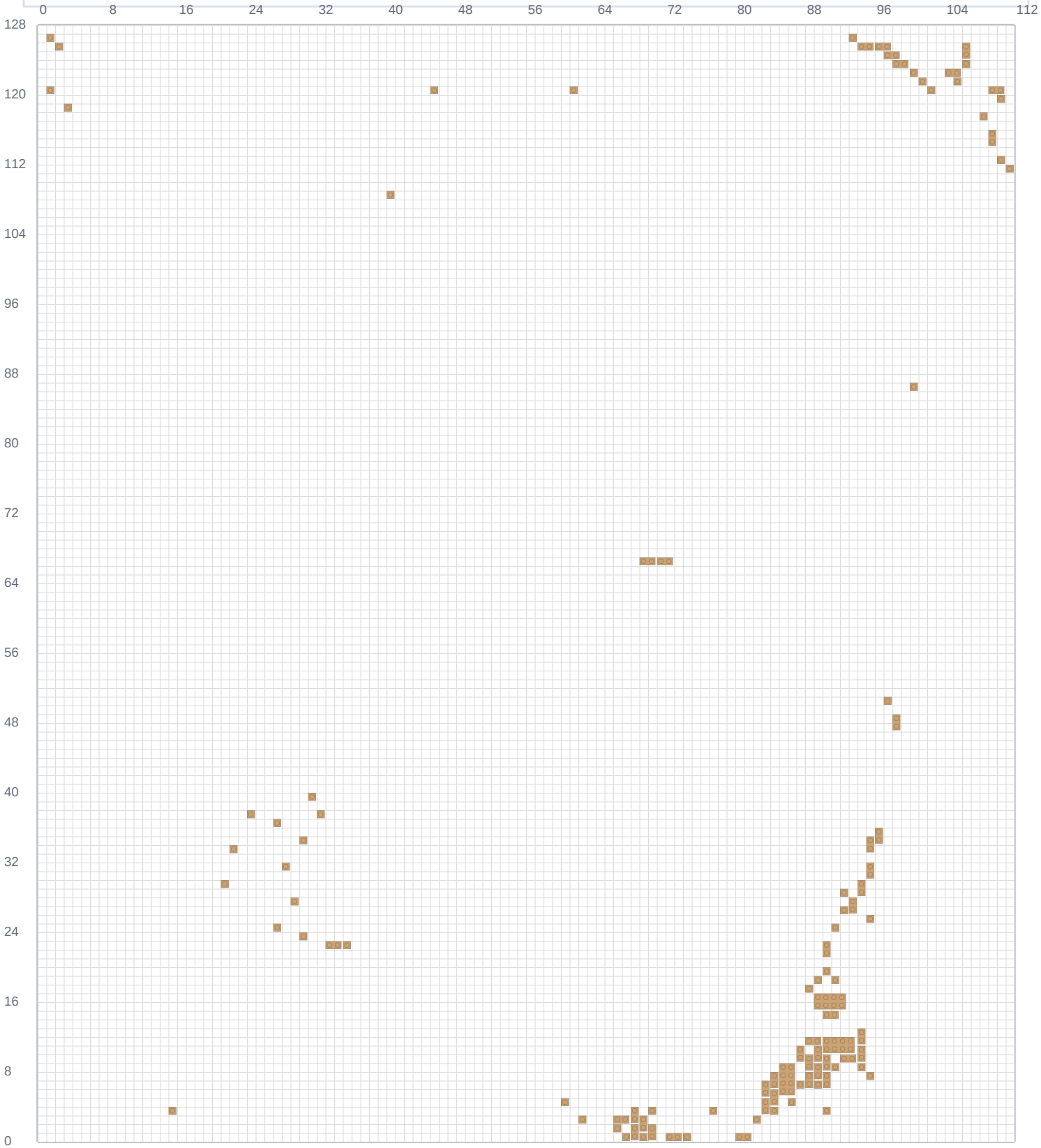


Layer 8 — Step 8 of 24

Color: Medium_Tan

This step needs:

2×4: 3 1×2: 41 1×1: 57

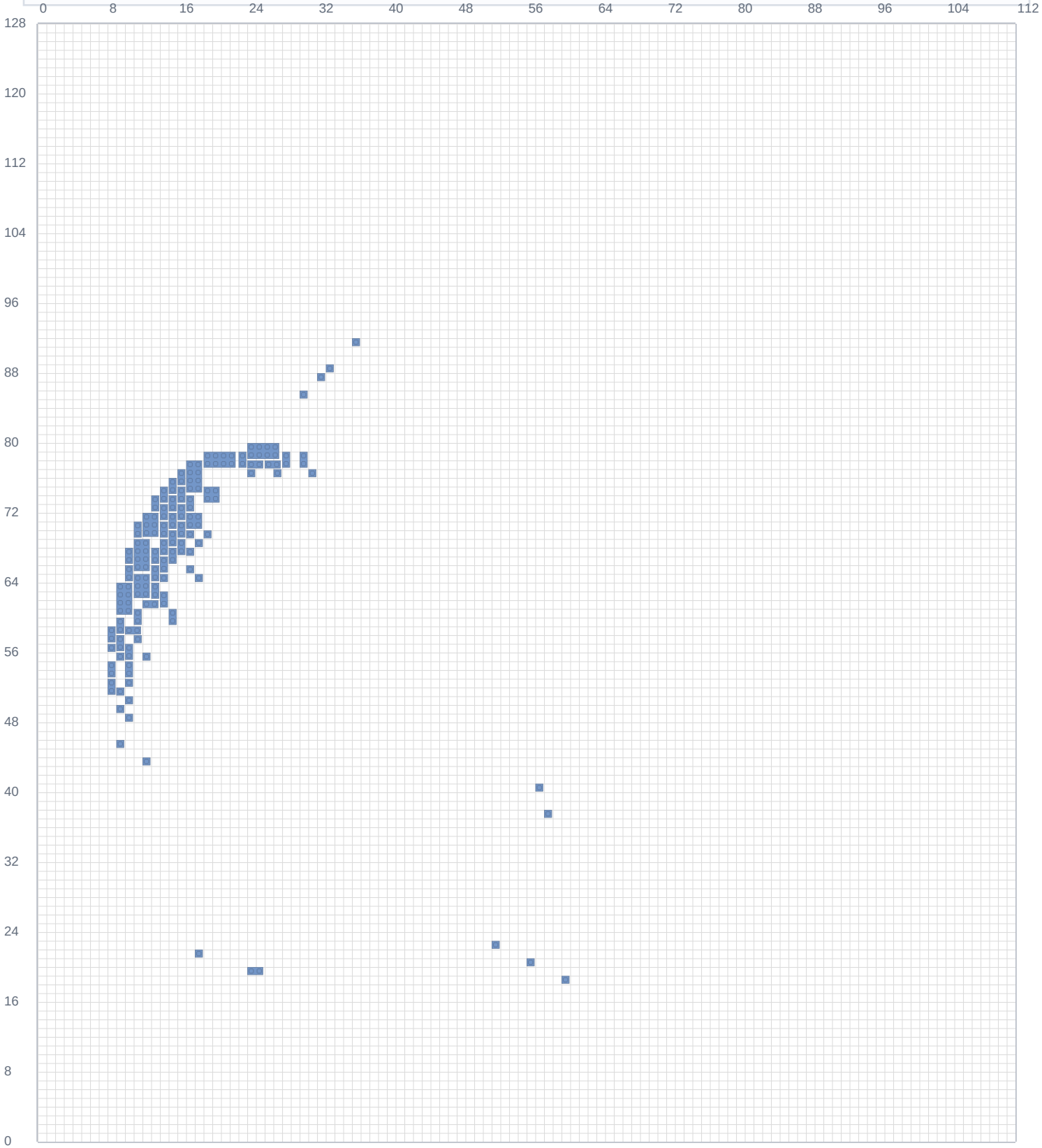


Layer 8 — Step 9 of 24

Color: Medium_Blue

This step needs:

2×4: 5 2×2: 4 1×2: 41 1×1: 31

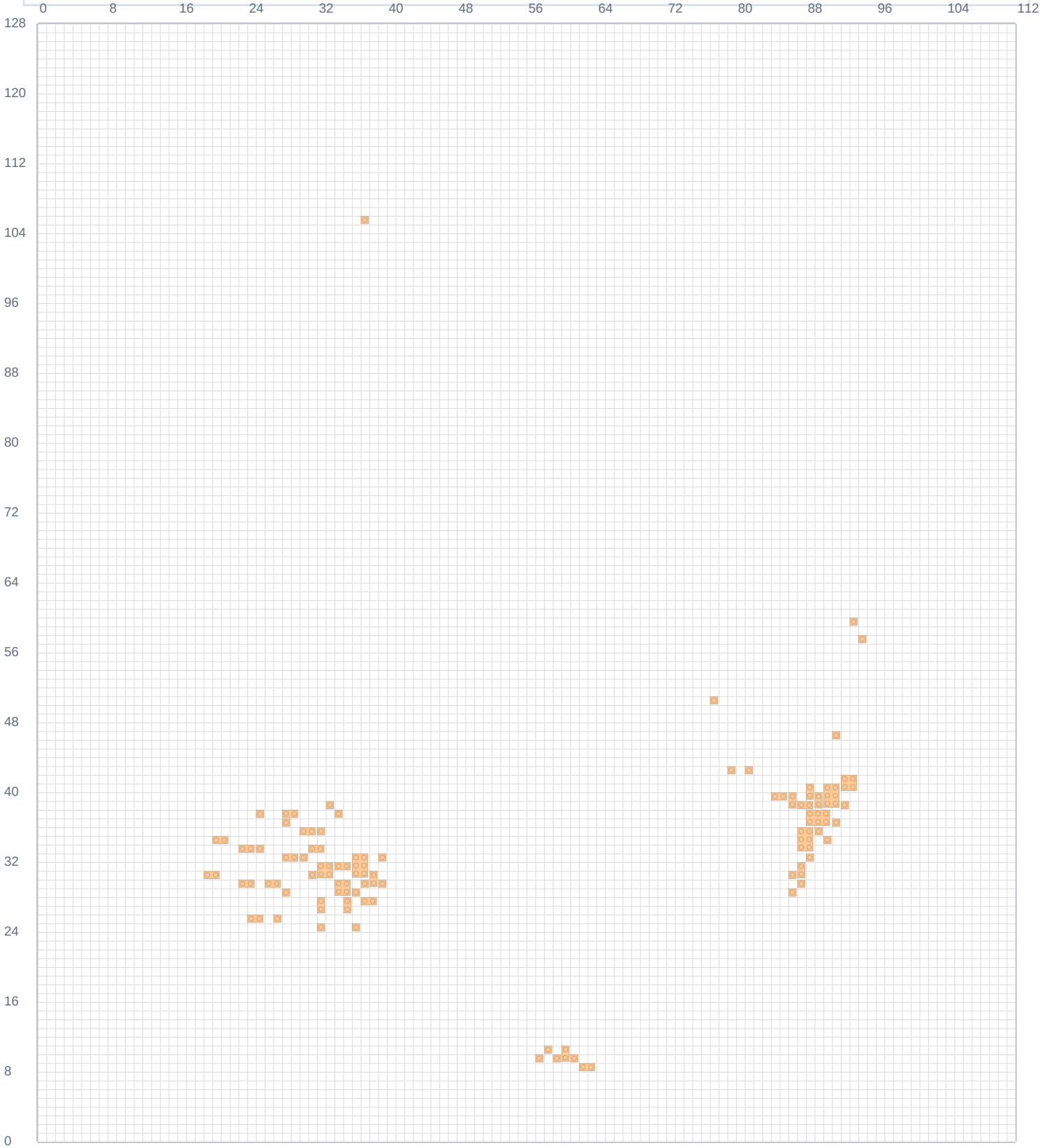


Layer 8 — Step 10 of 24

Color: Light_Nougat

This step needs:

2×2: 7 1×2: 23 1×1: 35

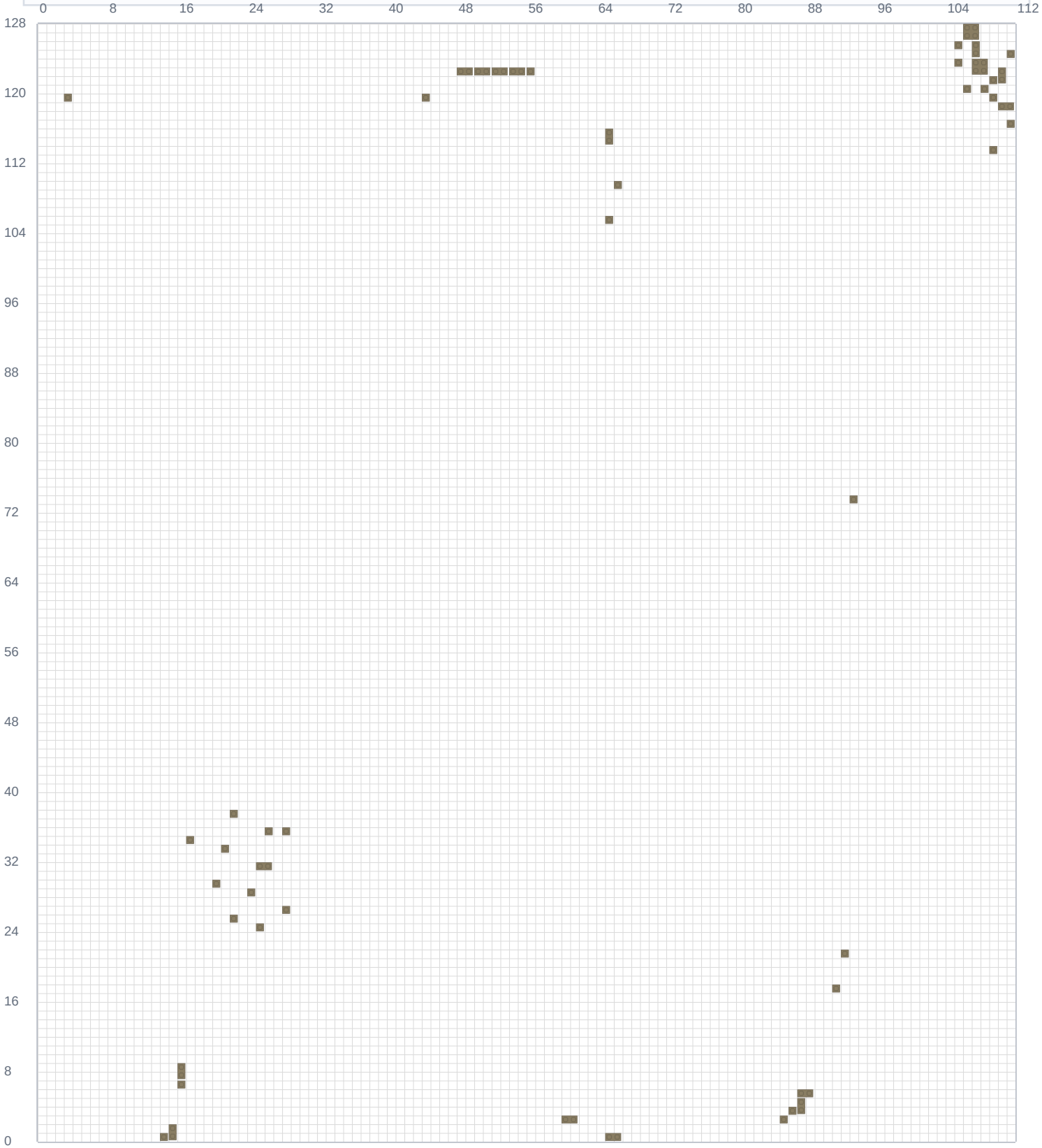


Layer 8 — Step 11 of 24

Color: Dark_Tan

This step needs:

2×2: 2 1×2: 15 1×1: 31

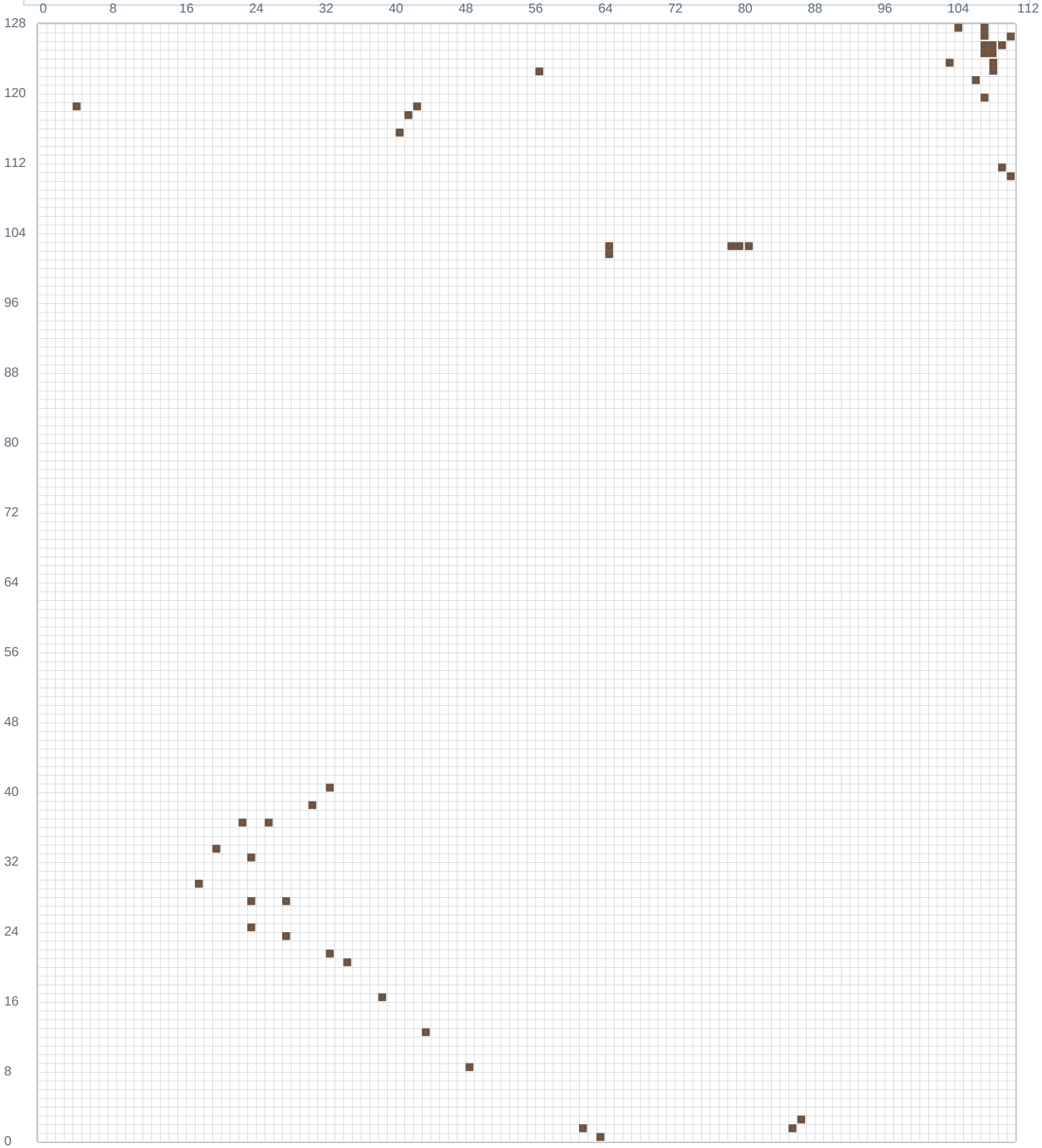


Layer 8 — Step 12 of 24

Color: Medium_Brown

This step needs:

2×2: 1 1×2: 4 1×1: 34

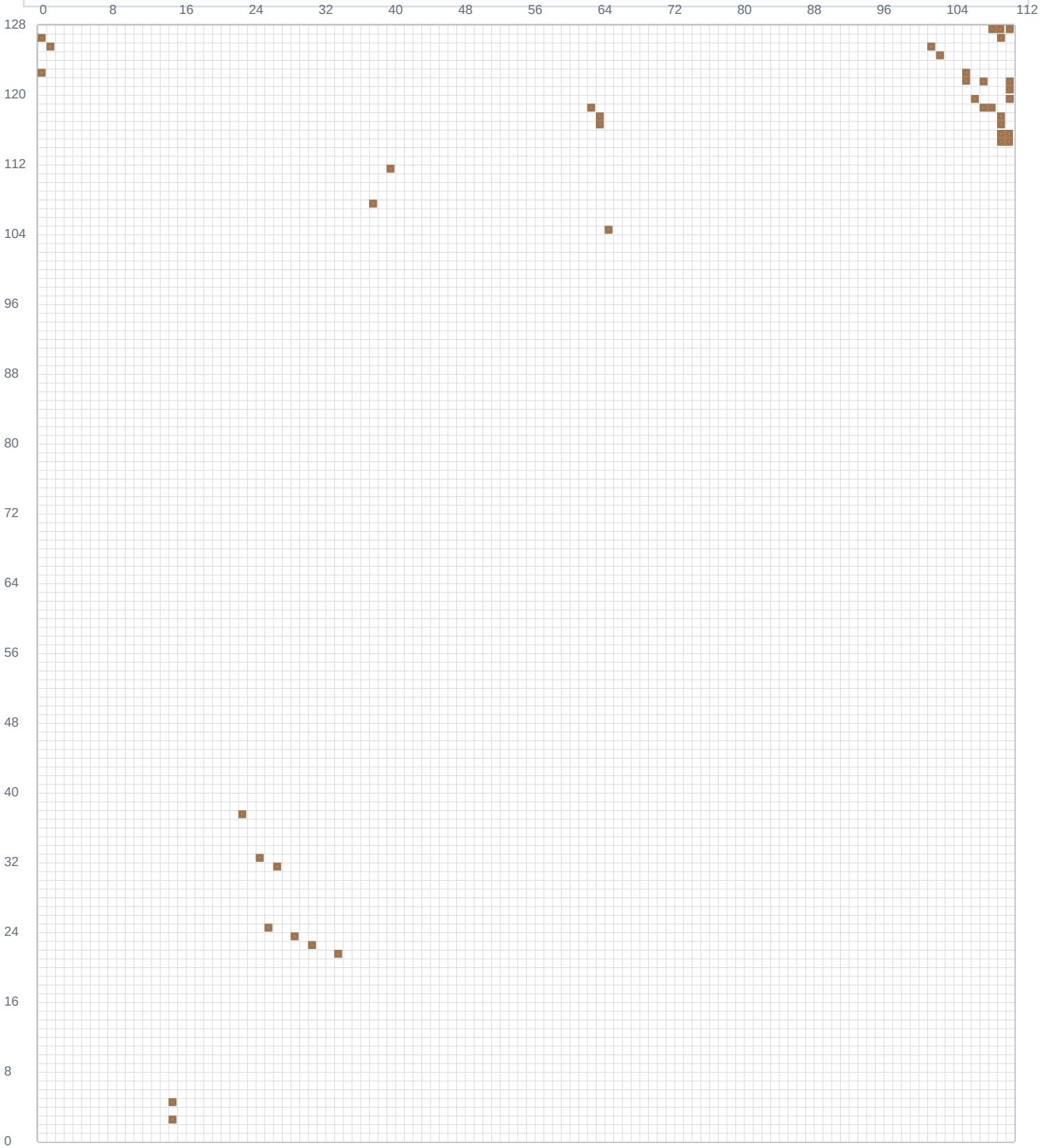


Layer 8 — Step 13 of 24

Color: Medium_Nougat

This step needs:

2×2: 1 1×2: 6 1×1: 23

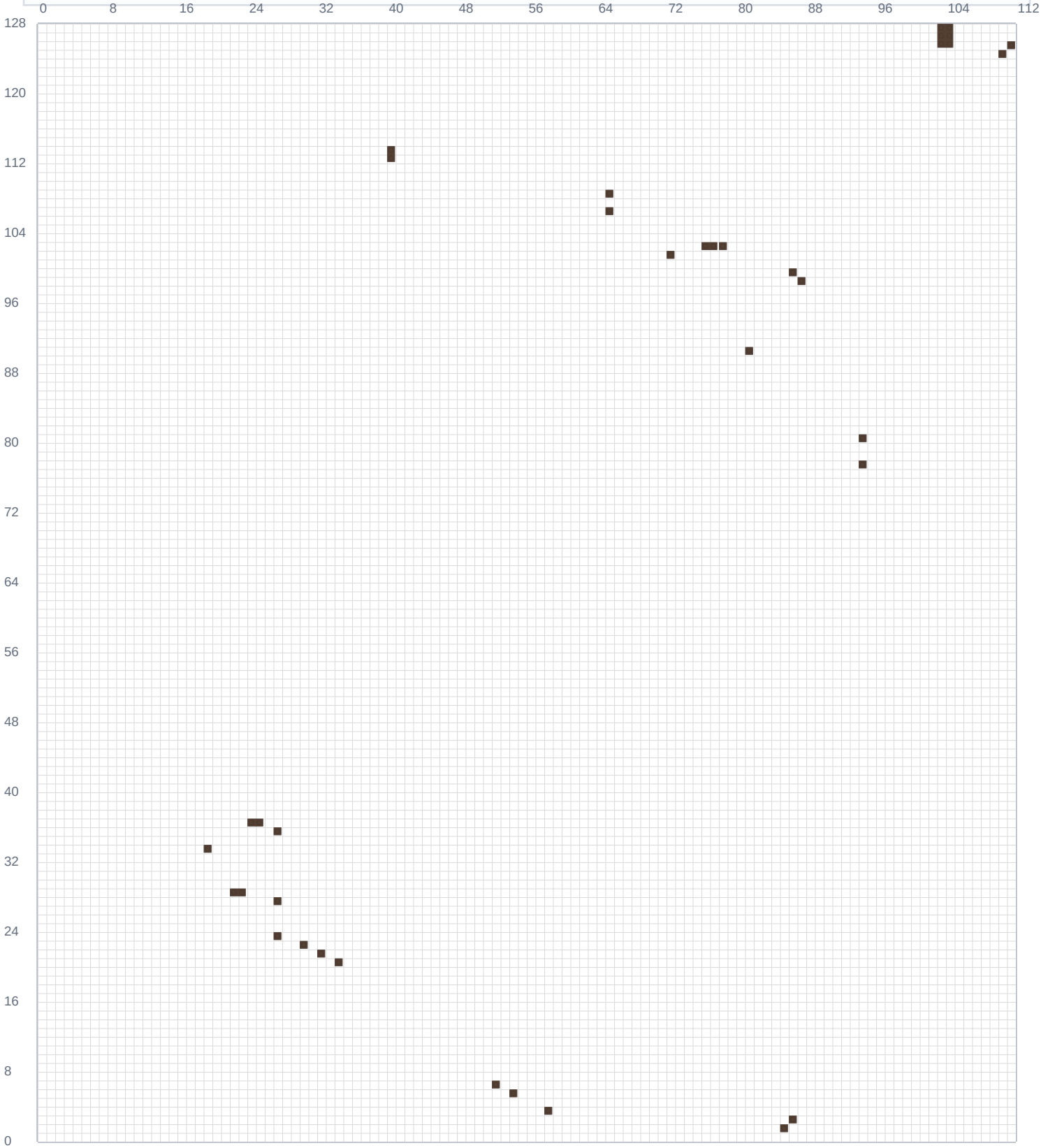


Layer 8 — Step 14 of 24

Color: Umber_Brown

This step needs:

2×2: 1 1×2: 4 1×1: 23

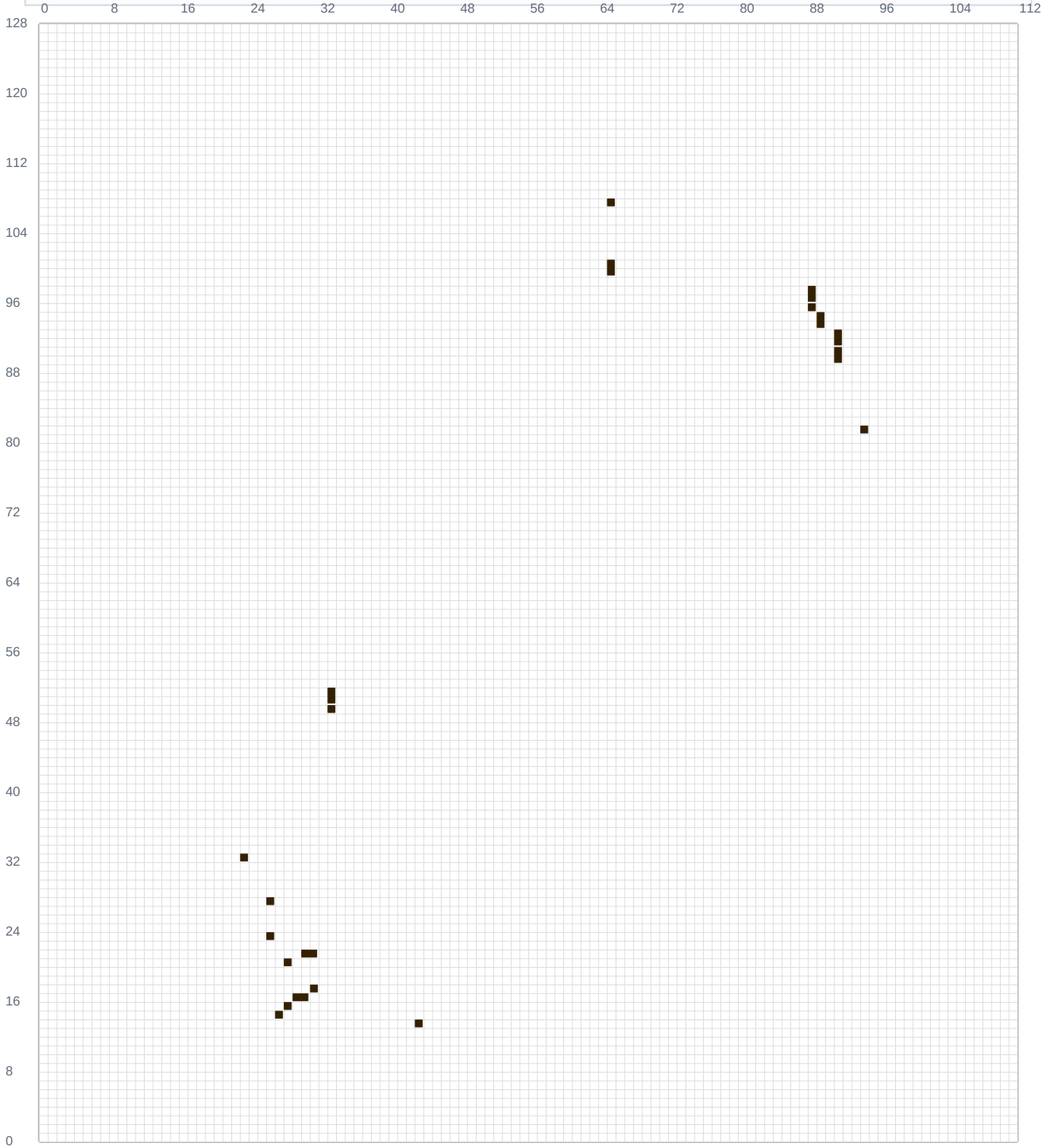


Layer 8 — Step 15 of 24

Color: Dark_Brown

This step needs:

1×2: 8 1×1: 12

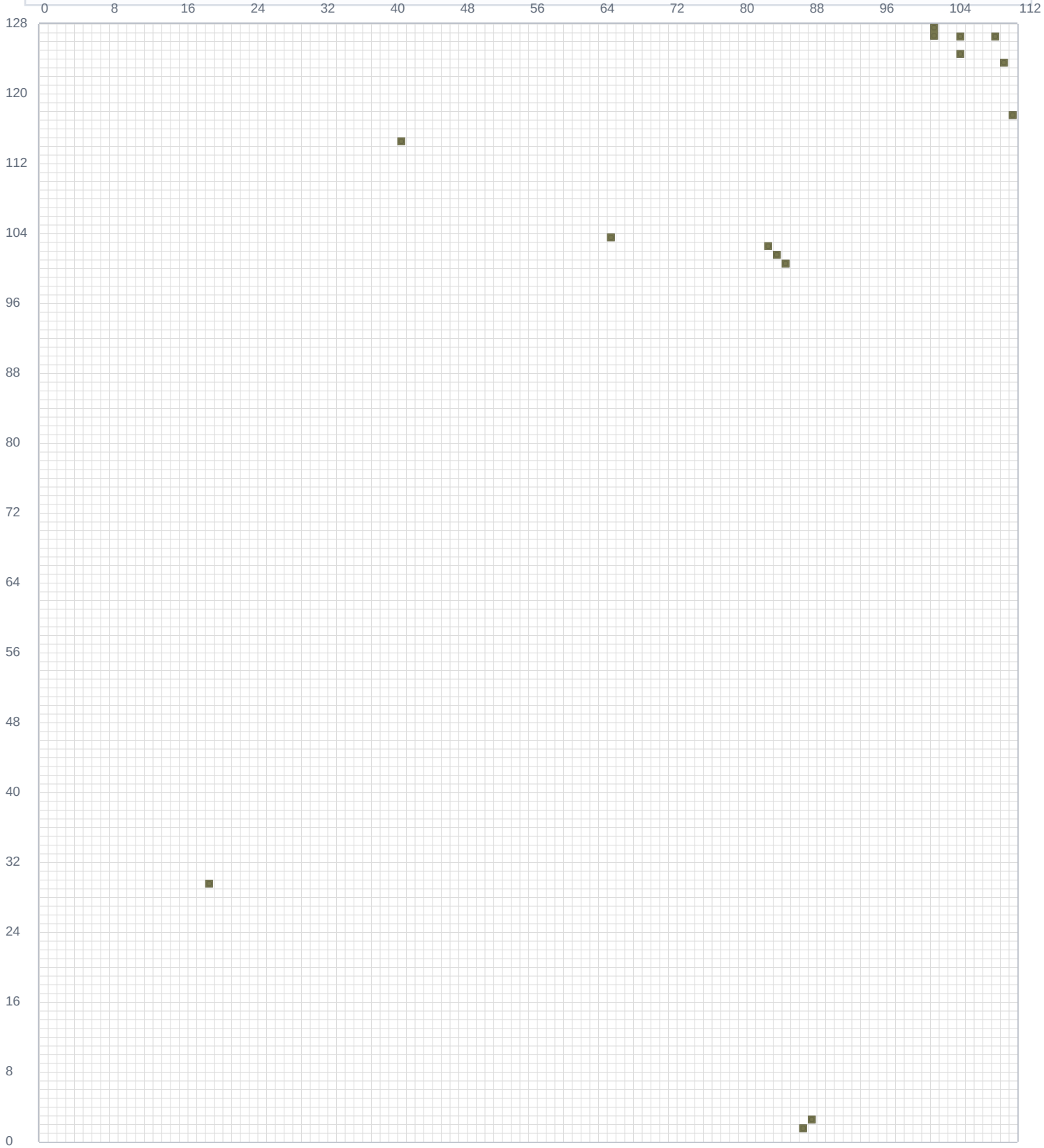


Layer 8 — Step 16 of 24

Color: Olive_Green

This step needs:

1×2: 1 1×1: 13

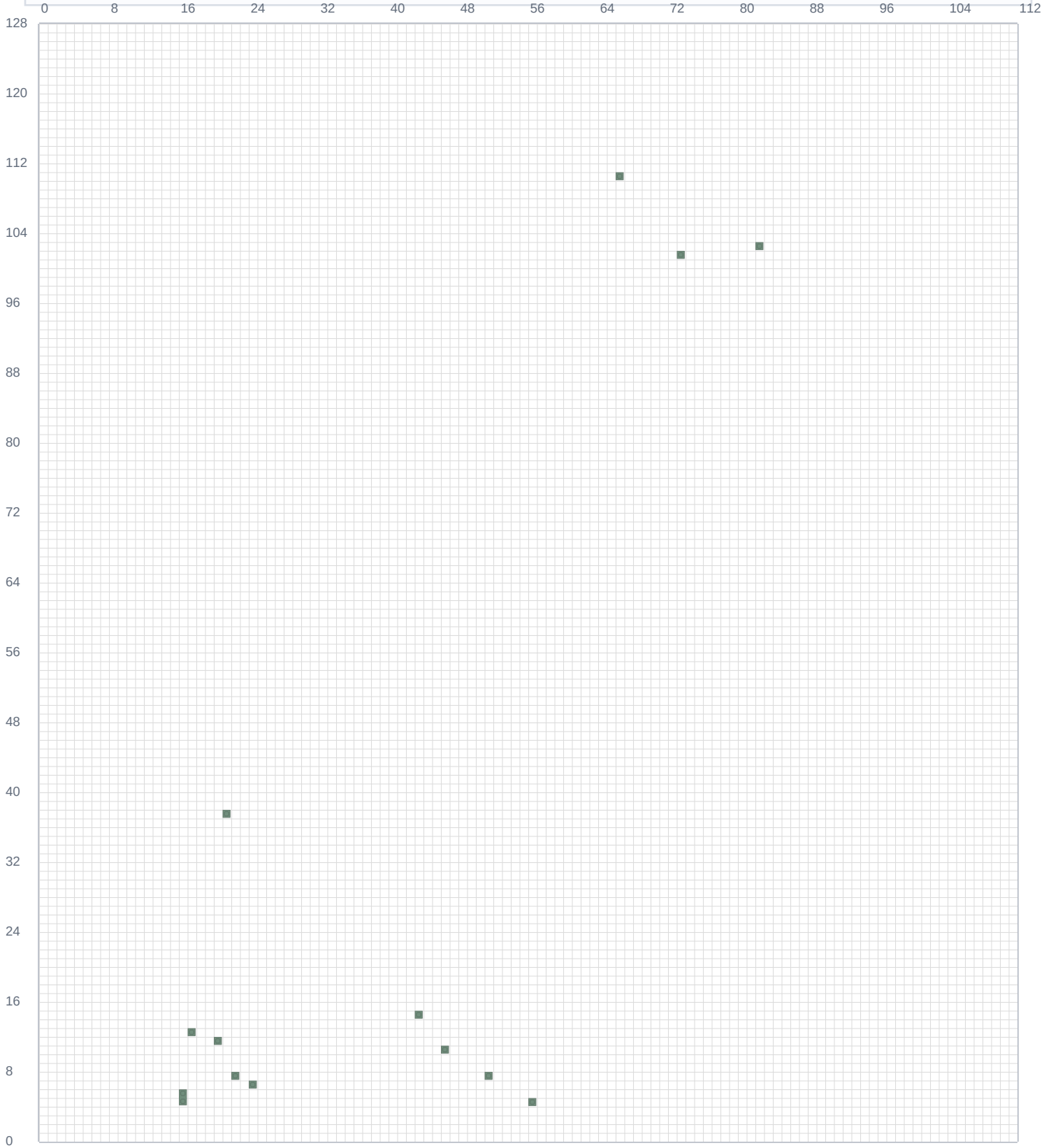


Layer 8 — Step 17 of 24

Color: Sand_Green

This step needs:

1×2: 1 1×1: 12

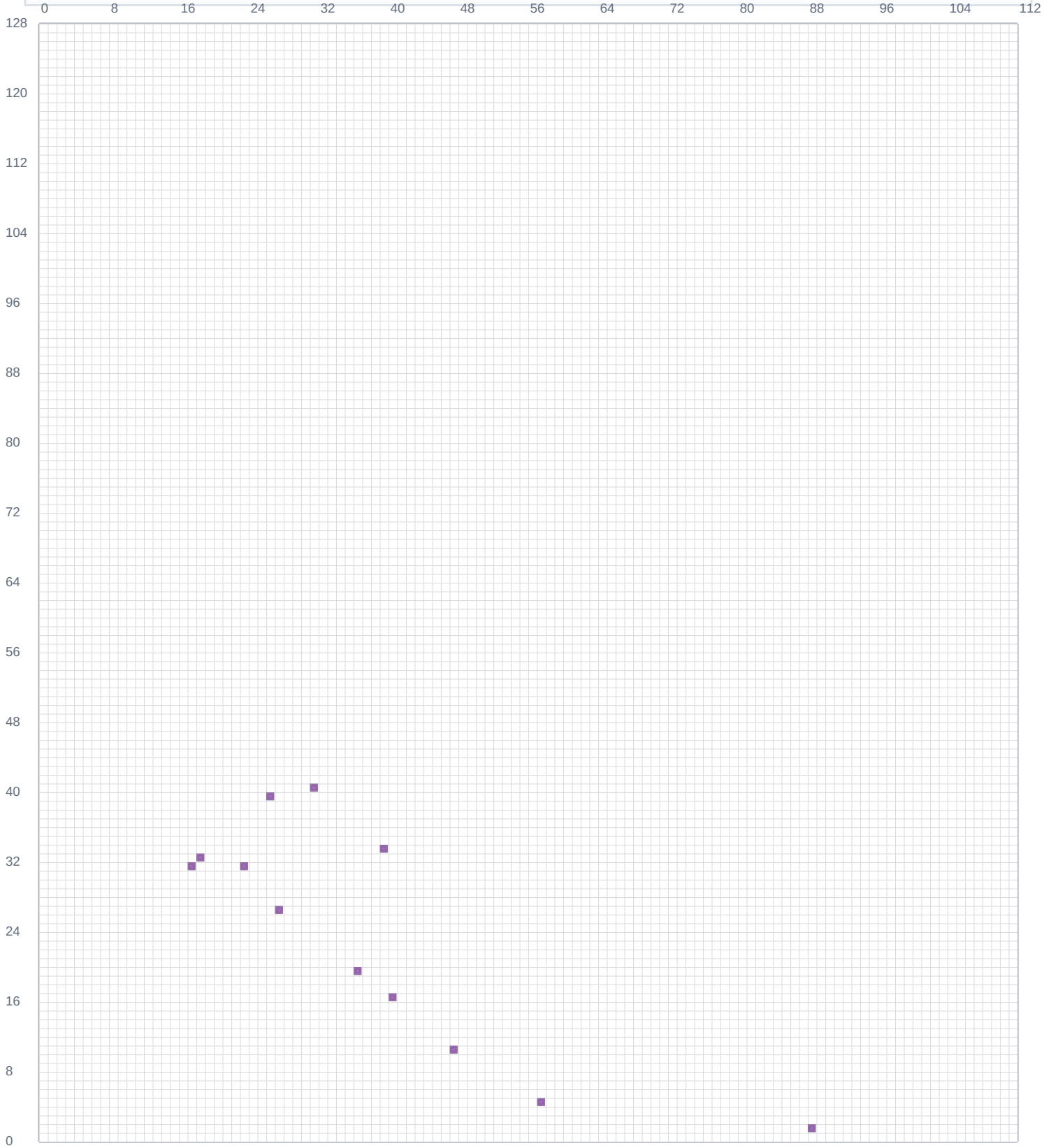


Layer 8 — Step 18 of 24

Color: Medium_Lavender

This step needs:

- 1×1: 12

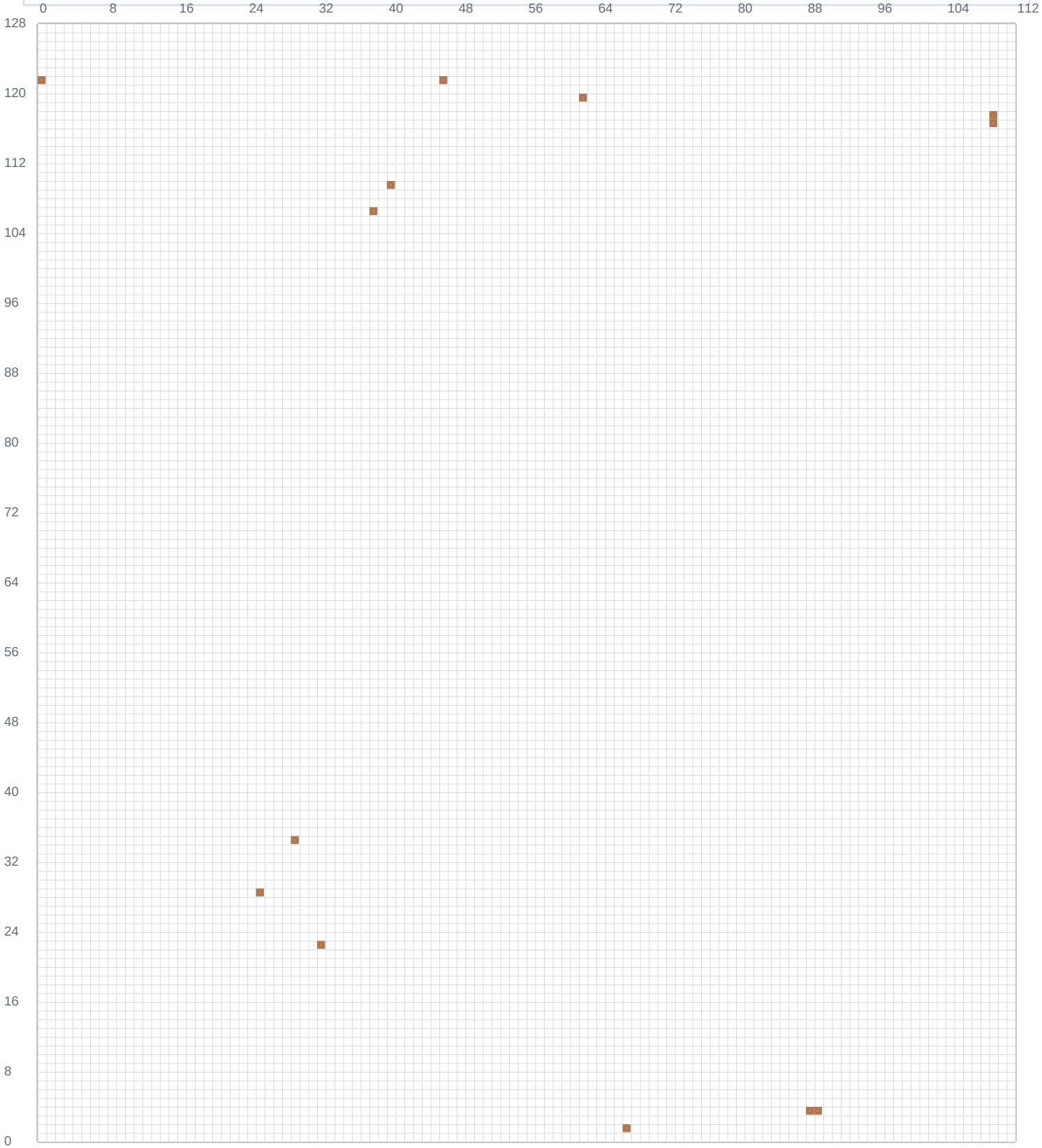


Layer 8 — Step 19 of 24

Color: Nougat

This step needs:

1×2: 2 1×1: 9

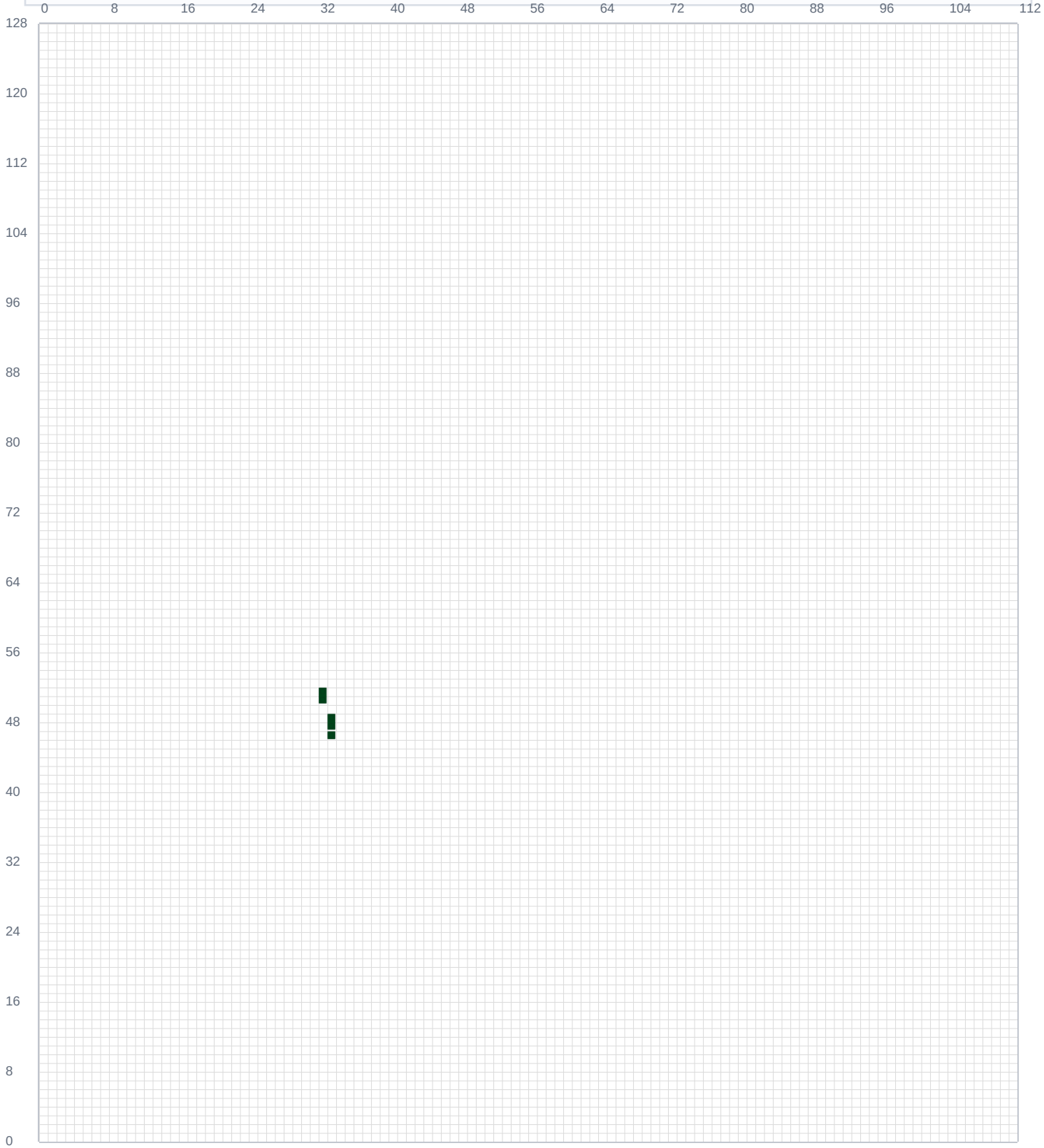


Layer 8 — Step 20 of 24

Color: Dark_Green

This step needs:

1×2: 2 1×1: 1

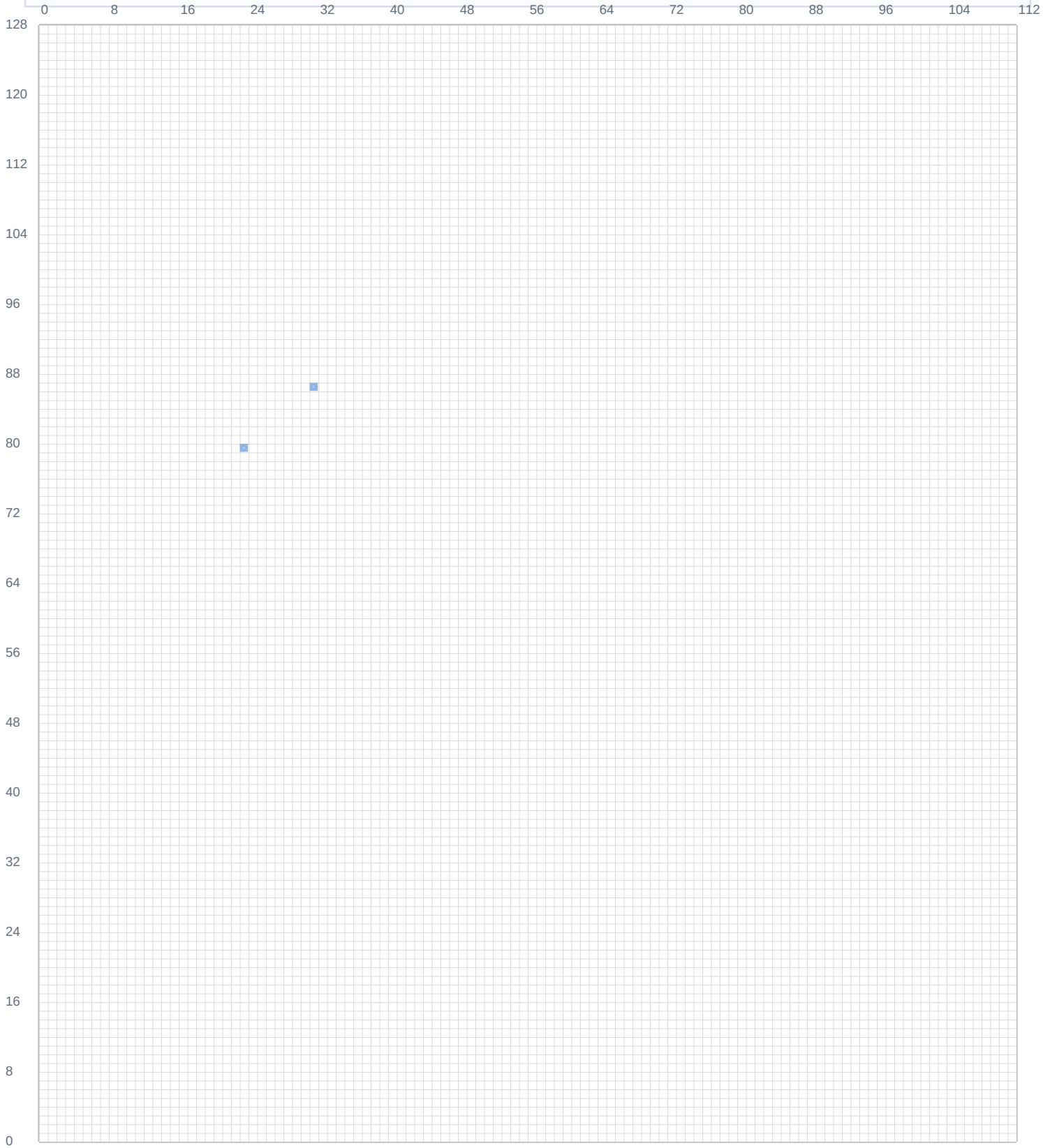


Layer 8 — Step 21 of 24

Color: Bright_Light_Blue

This step needs:

- 1×1: 2

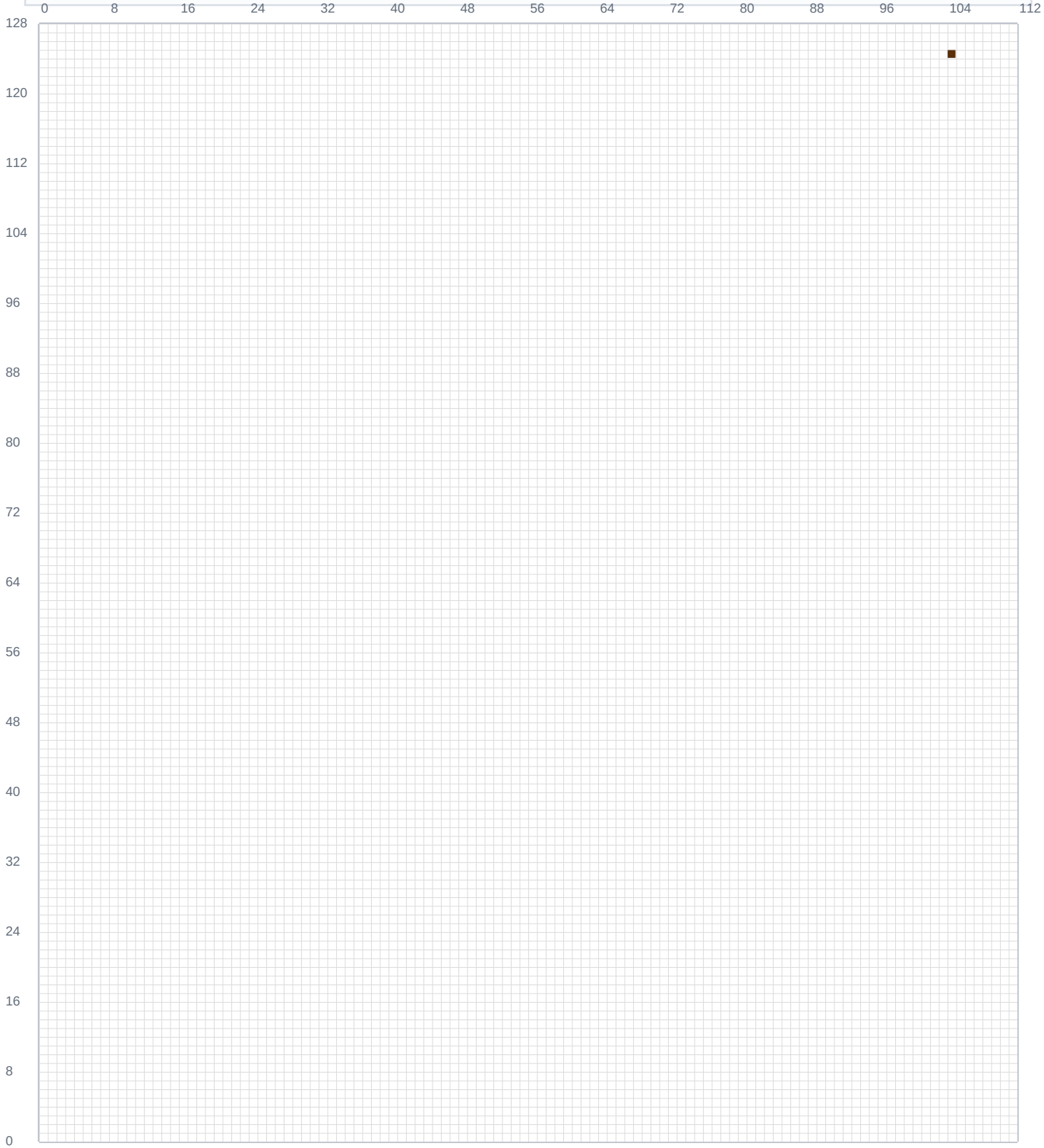


Layer 8 — Step 22 of 24

Color: Reddish_Brown

This step needs:

- 1×1: 1

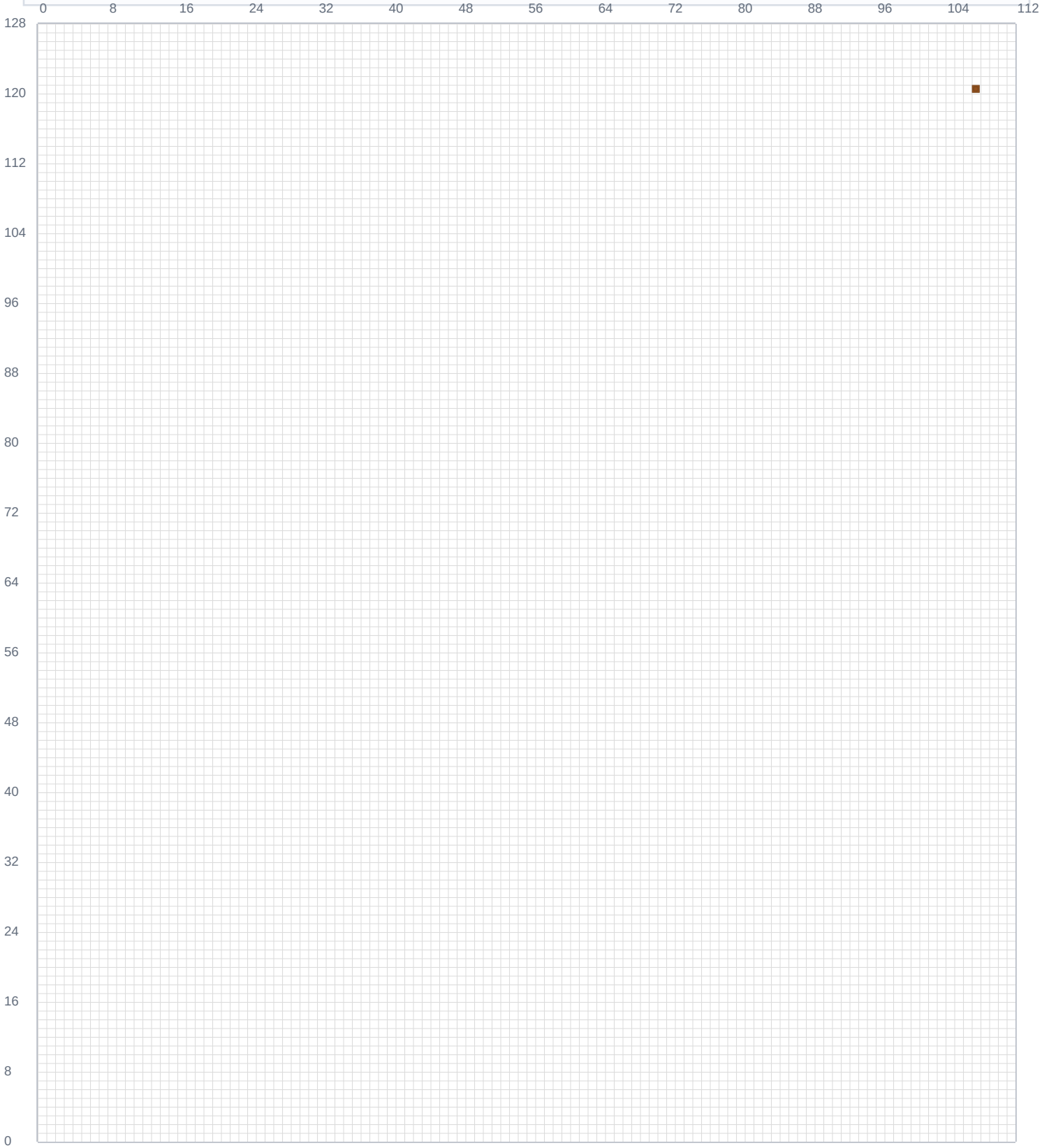


Layer 8 — Step 23 of 24

Color: Dark_Orange

This step needs:

- 1×1: 1

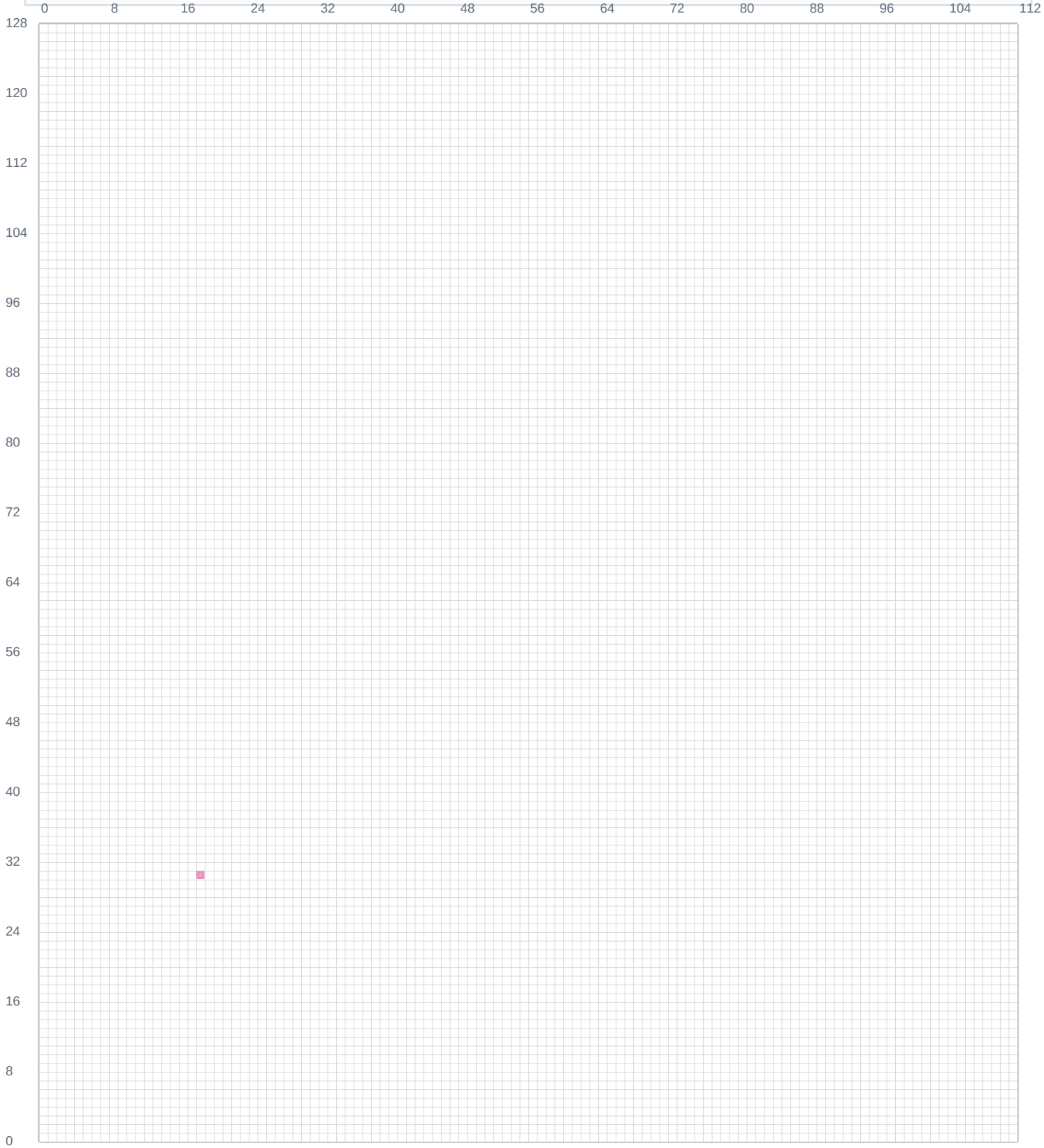


Layer 8 — Step 24 of 24

Color: Bright_Pink

This step needs:

- 1×1: 1

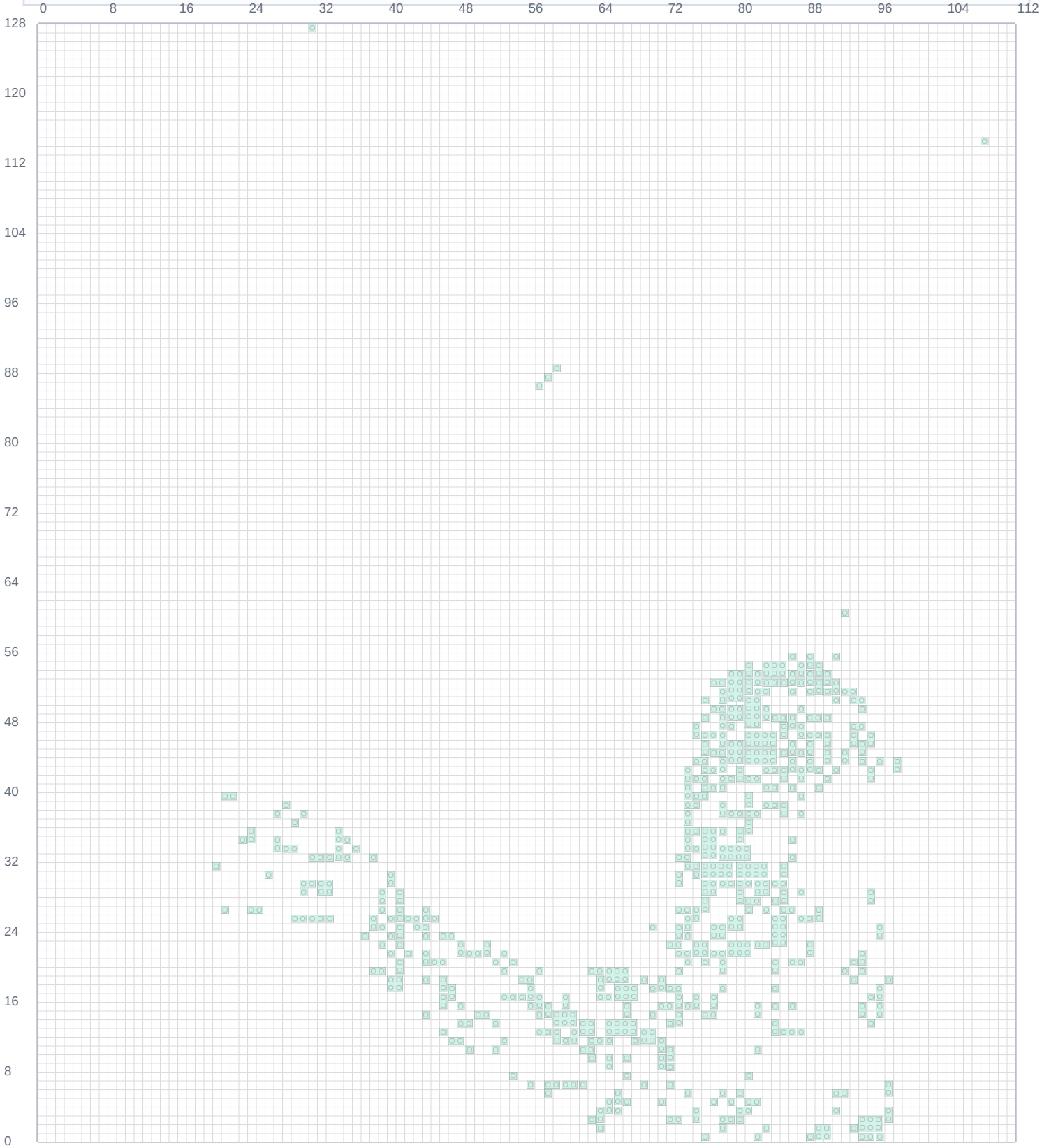


Layer 9 — Step 1 of 21

Color: Light_Aqua

This step needs:

2×4: 10 2×2: 18 1×2: 181 1×1: 139

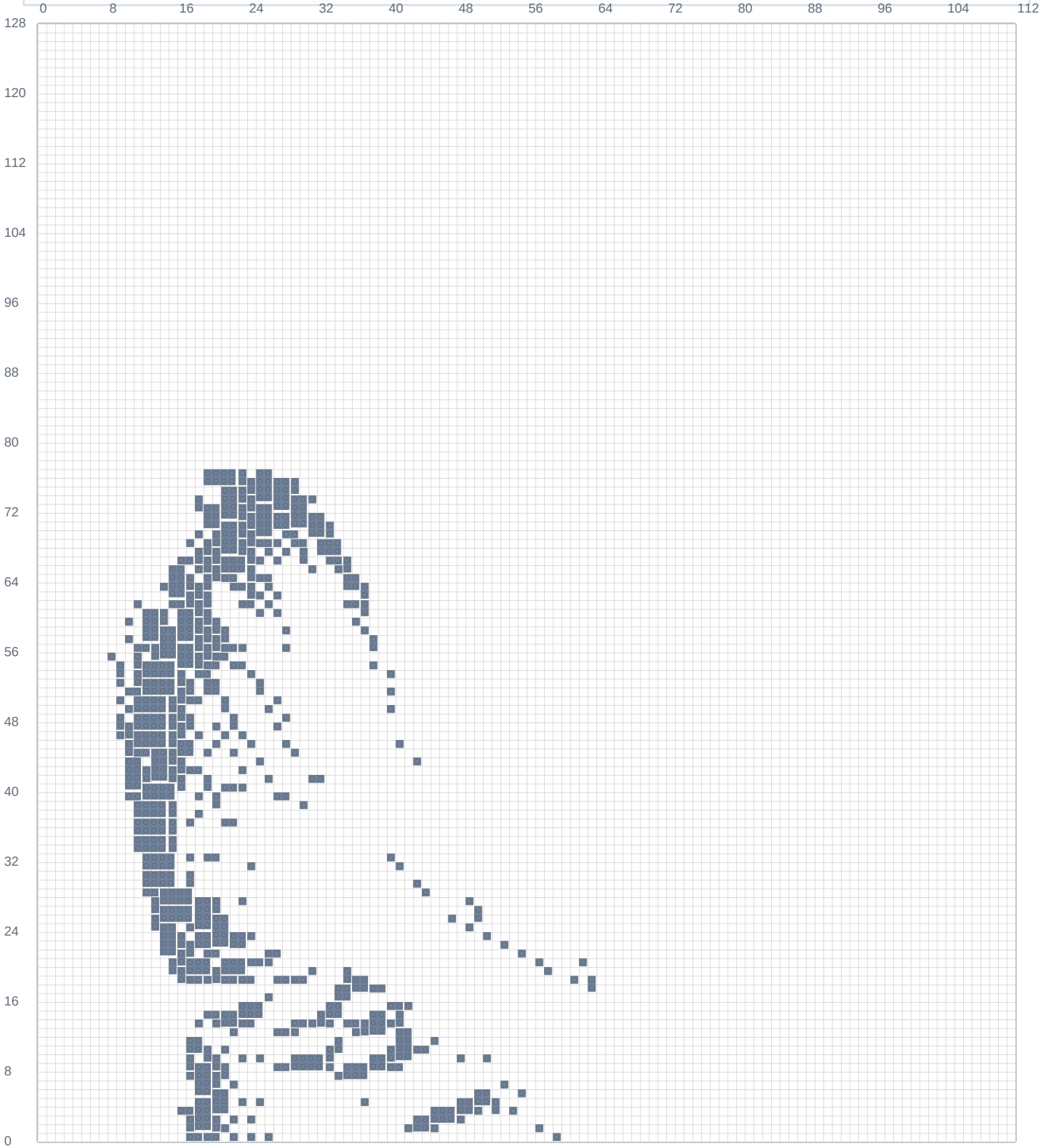


Layer 9 — Step 2 of 21

Color: Sand_Blue

This step needs:

2×4: 33 2×2: 27 1×2: 147 1×1: 120



Layer 9 — Step 3 of 21

Color: White

This step needs:

2×4: 12 2×2: 22 1×2: 114 1×1: 97

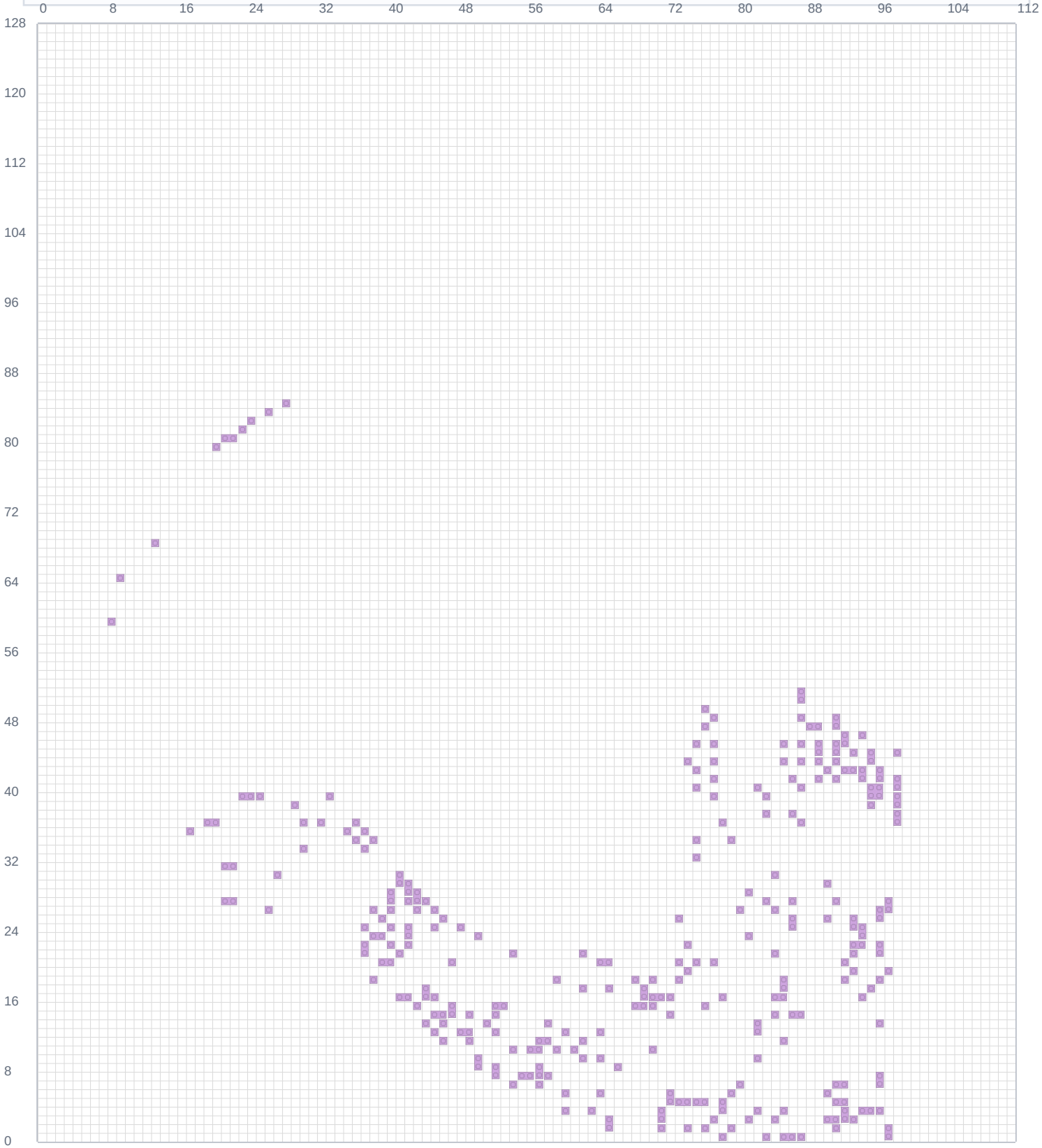


Layer 9 — Step 4 of 21

Color: Lavender

This step needs:

2×2: 1 1×2: 67 1×1: 166

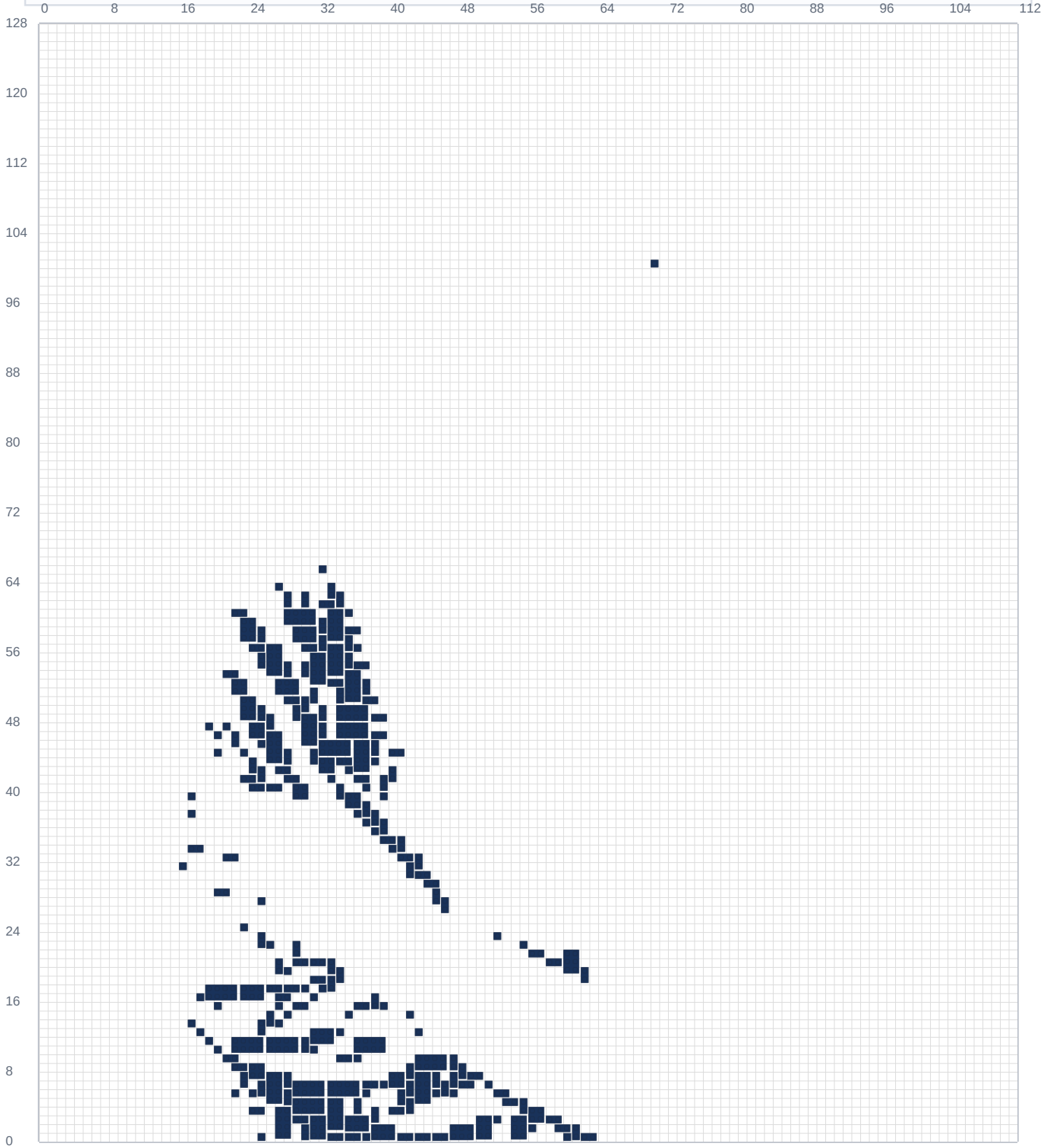


Layer 9 — Step 5 of 21

Color: Dark_Blue

This step needs:

2×4: 24 | 2×2: 21 | 1×2: 123 | 1×1: 60

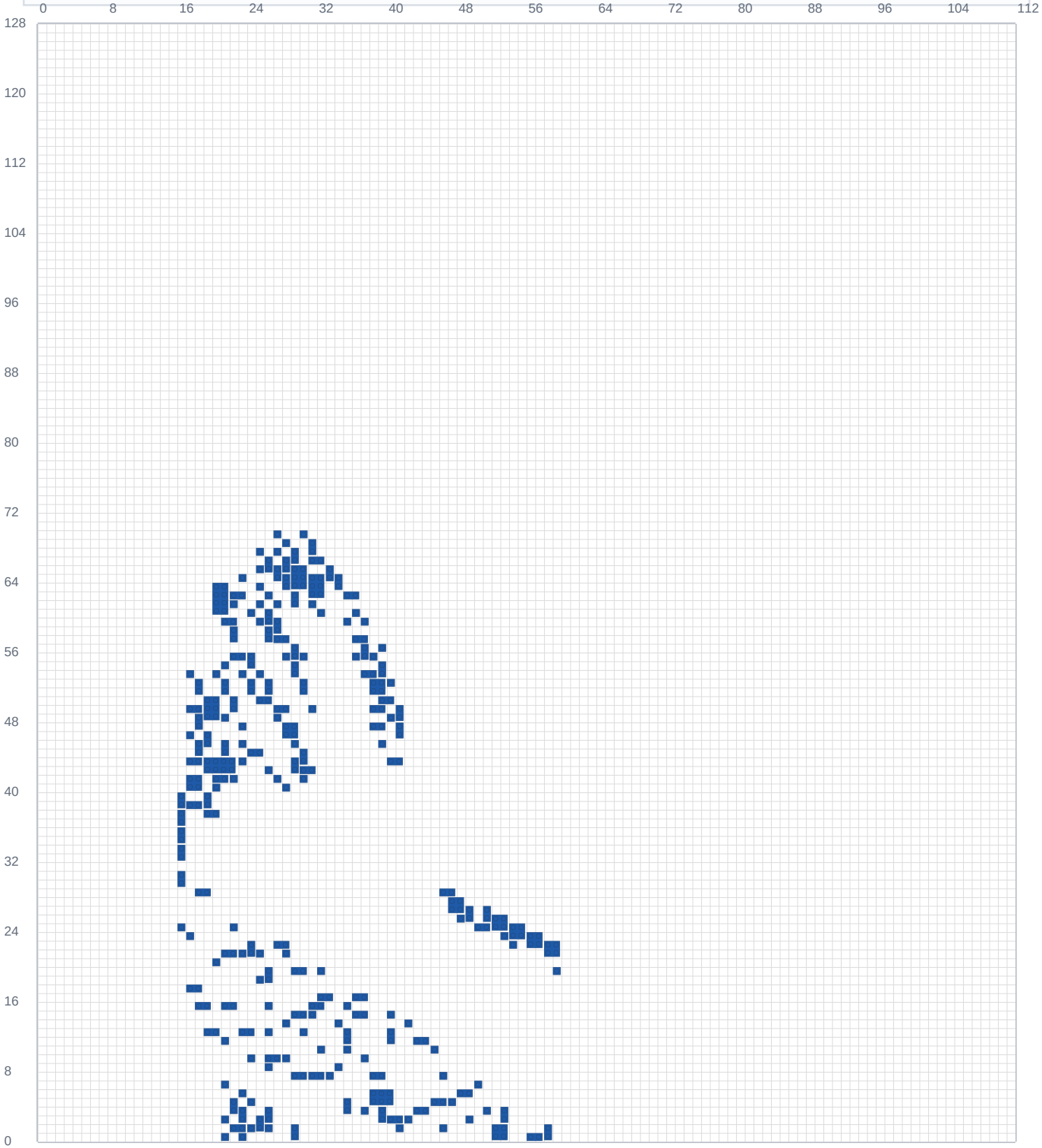


Layer 9 — Step 6 of 21

Color: Blue

This step needs:

2×4: 2 · 2×2: 13 · 1×2: 101 · 1×1: 95

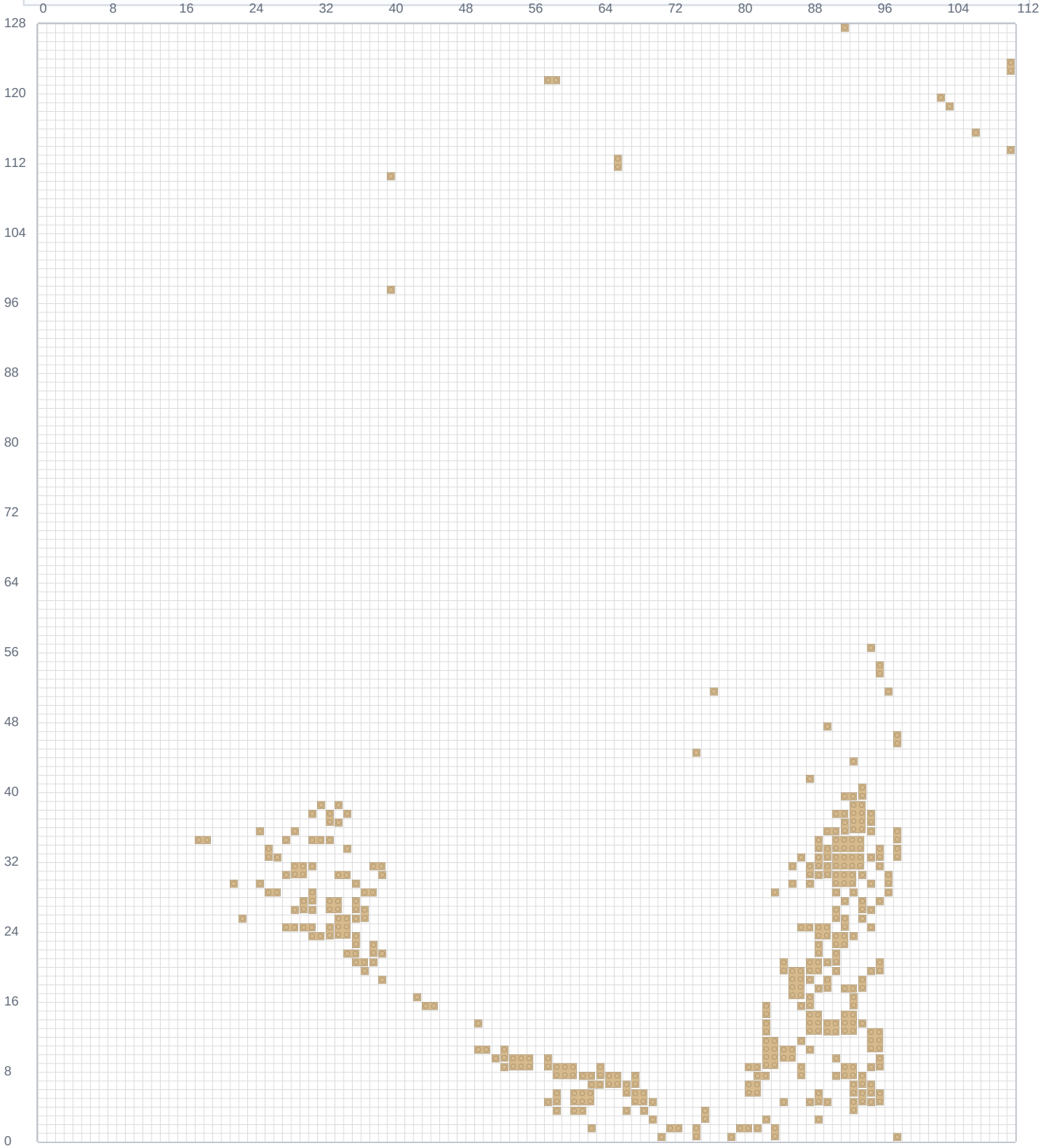


Layer 9 — Step 7 of 21

Color: Tan

This step needs:

2×4: 5 2×2: 19 1×2: 82 1×1: 92

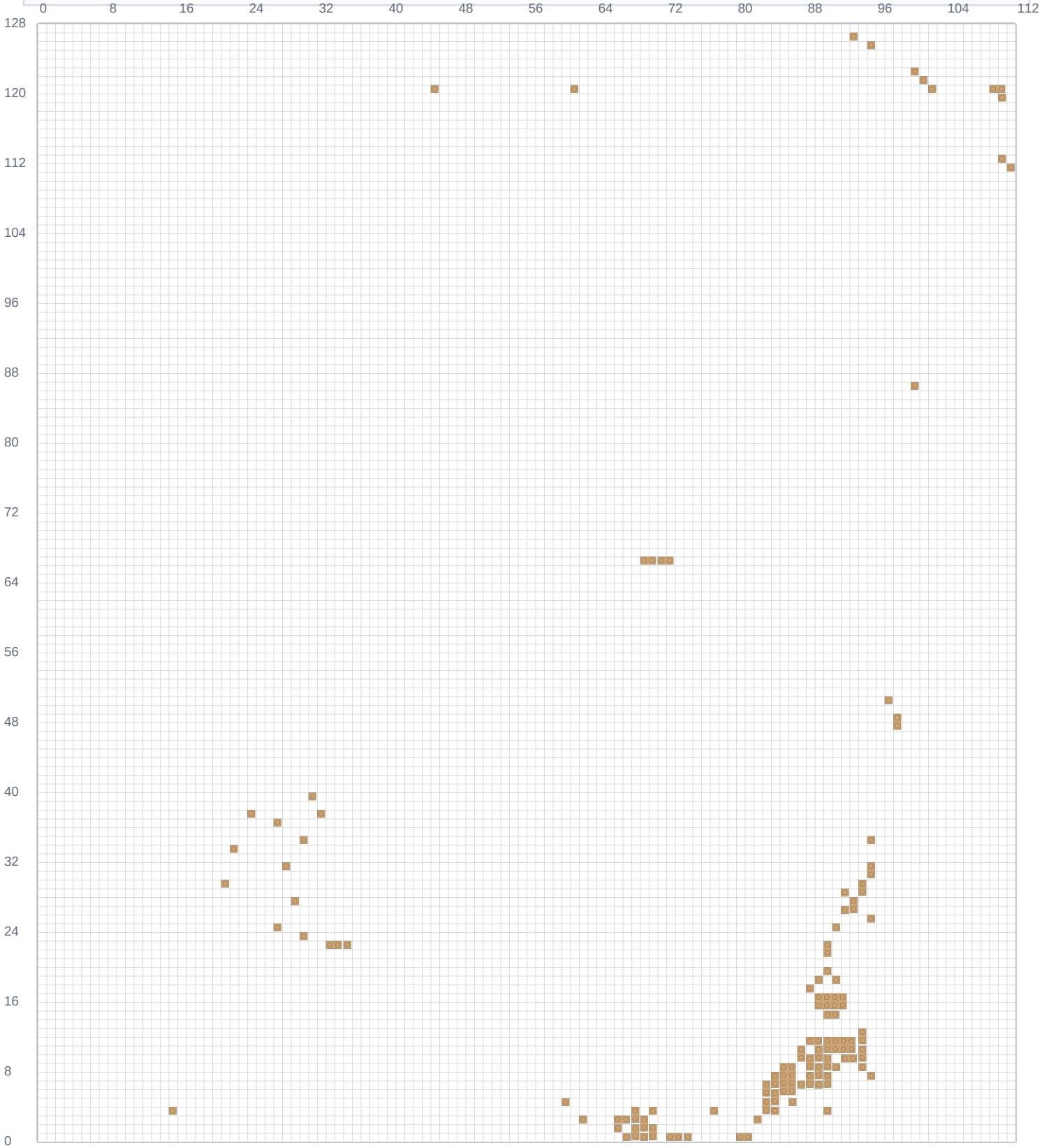


Layer 9 — Step 8 of 21

Color: Medium_Tan

This step needs:

2×4: 3 1×2: 32 1×1: 51

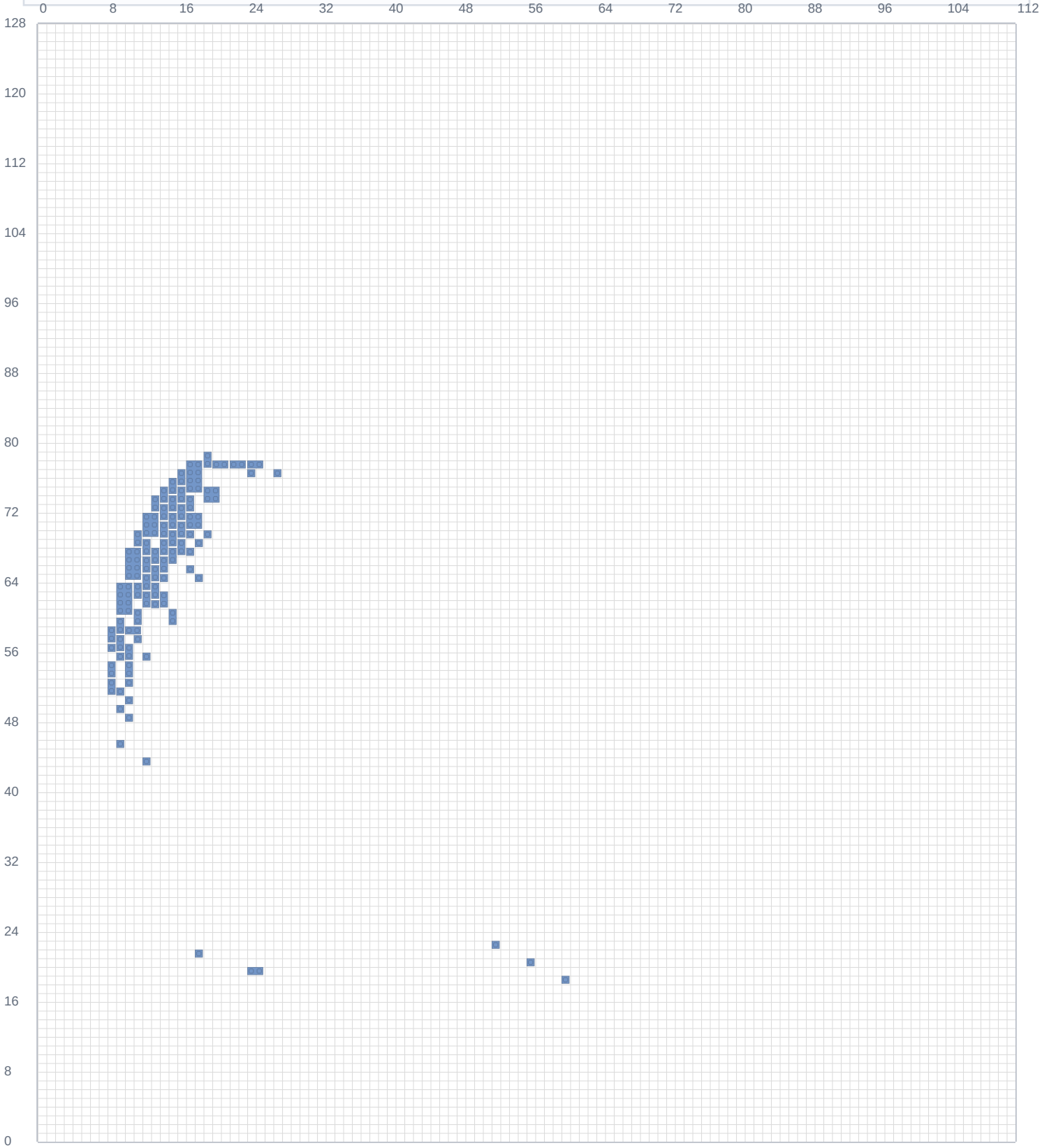


Layer 9 — Step 9 of 21

Color: Medium_Blue

This step needs:

2×4: 3 2×2: 3 1×2: 42 1×1: 25

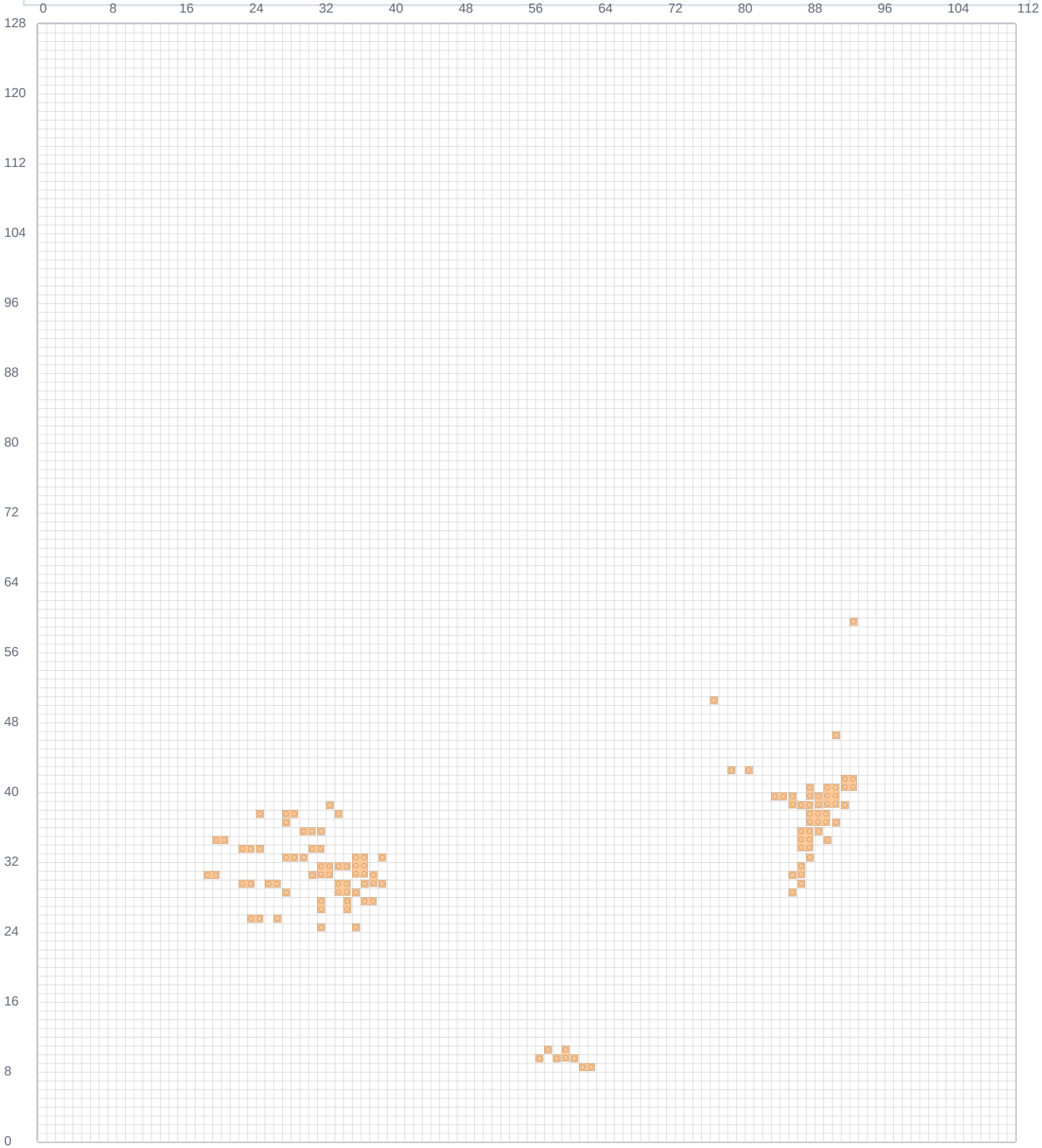


Layer 9 — Step 10 of 21

Color: Light_Nougat

This step needs:

2×2: 7 1×2: 23 1×1: 33

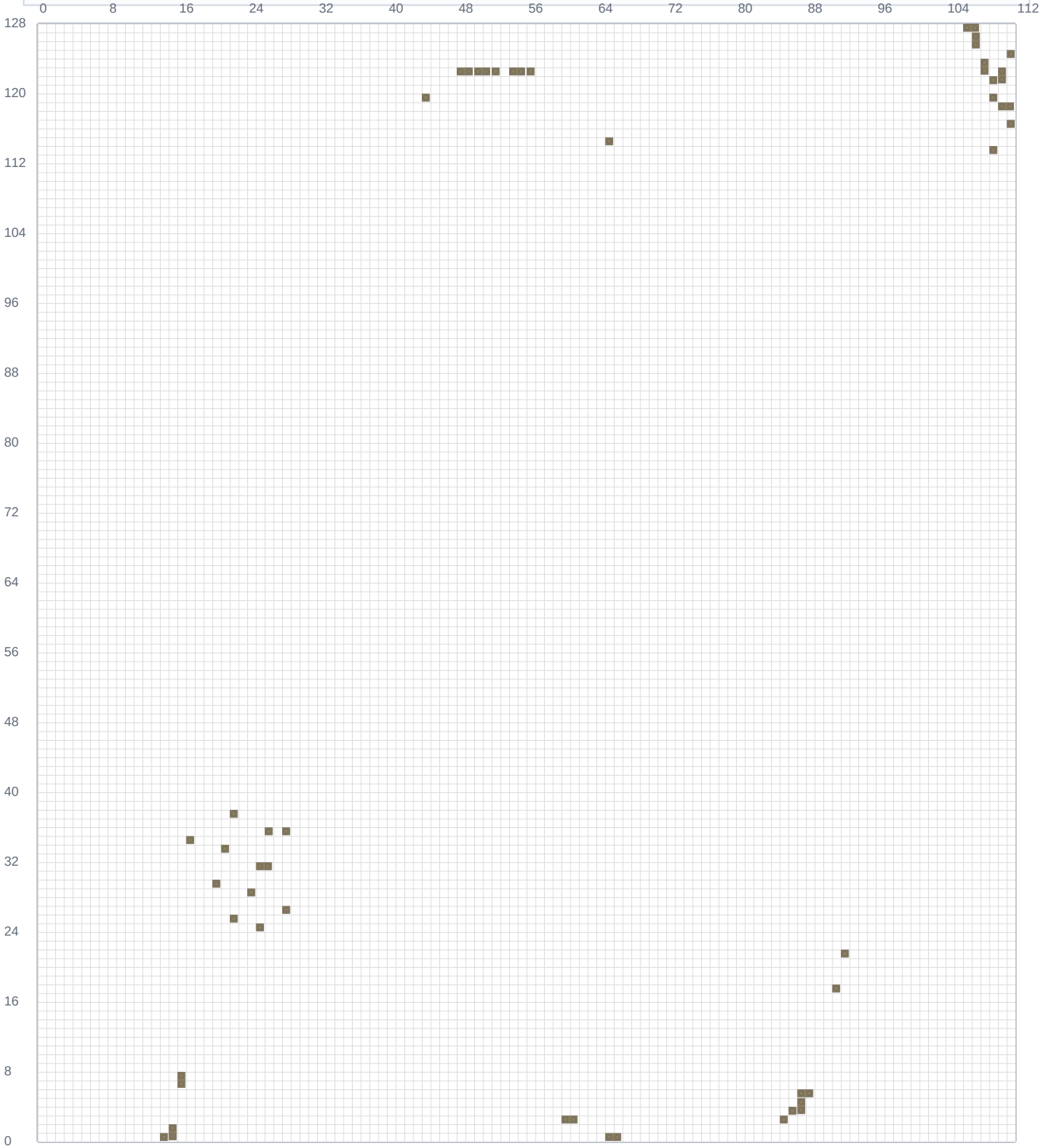


Layer 9 — Step 11 of 21

Color: Dark_Tan

This step needs:

1×2: 15 1×1: 24

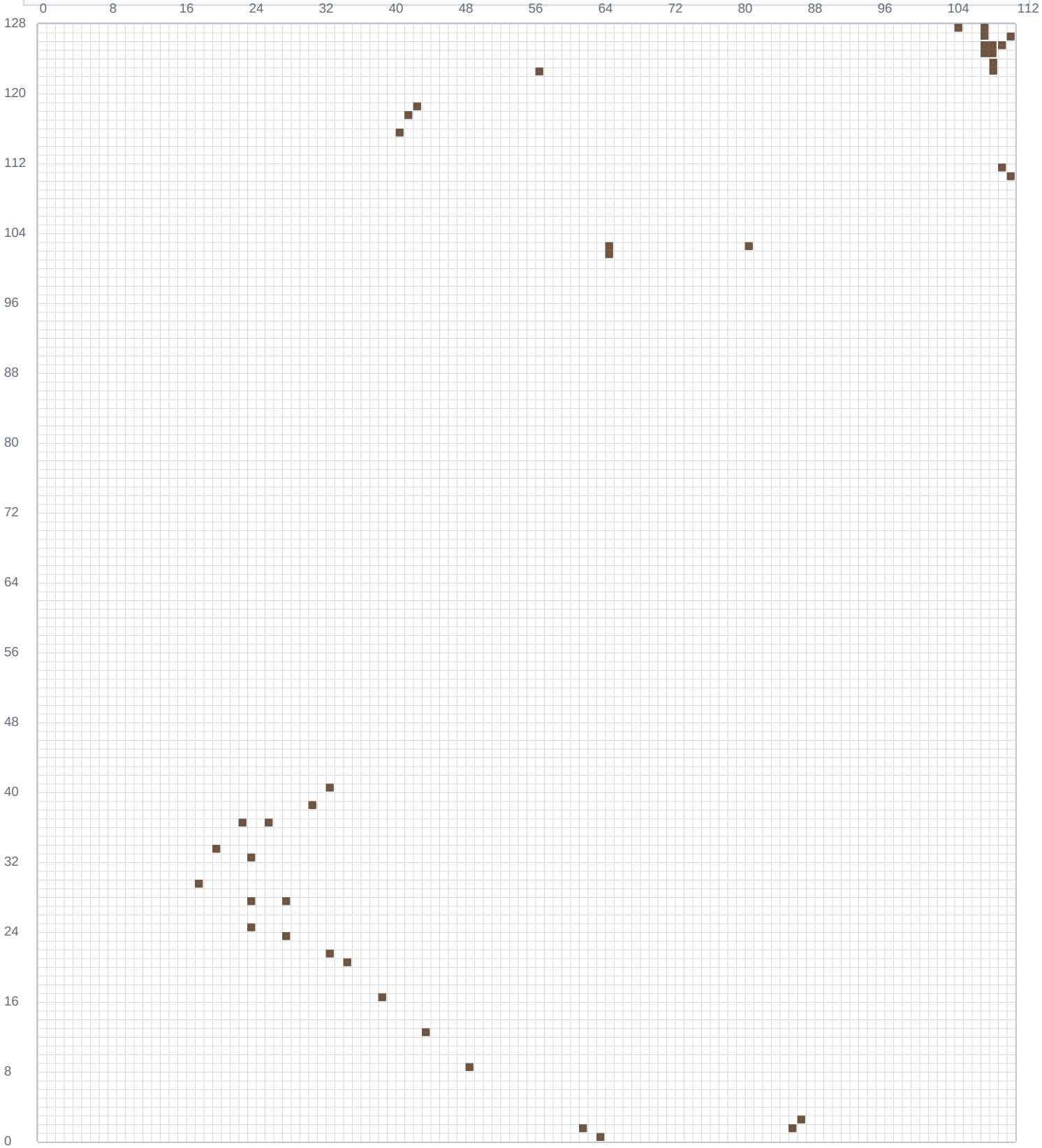


Layer 9 — Step 12 of 21

Color: Medium_Brown

This step needs:

2×2: 1 1×2: 3 1×1: 30

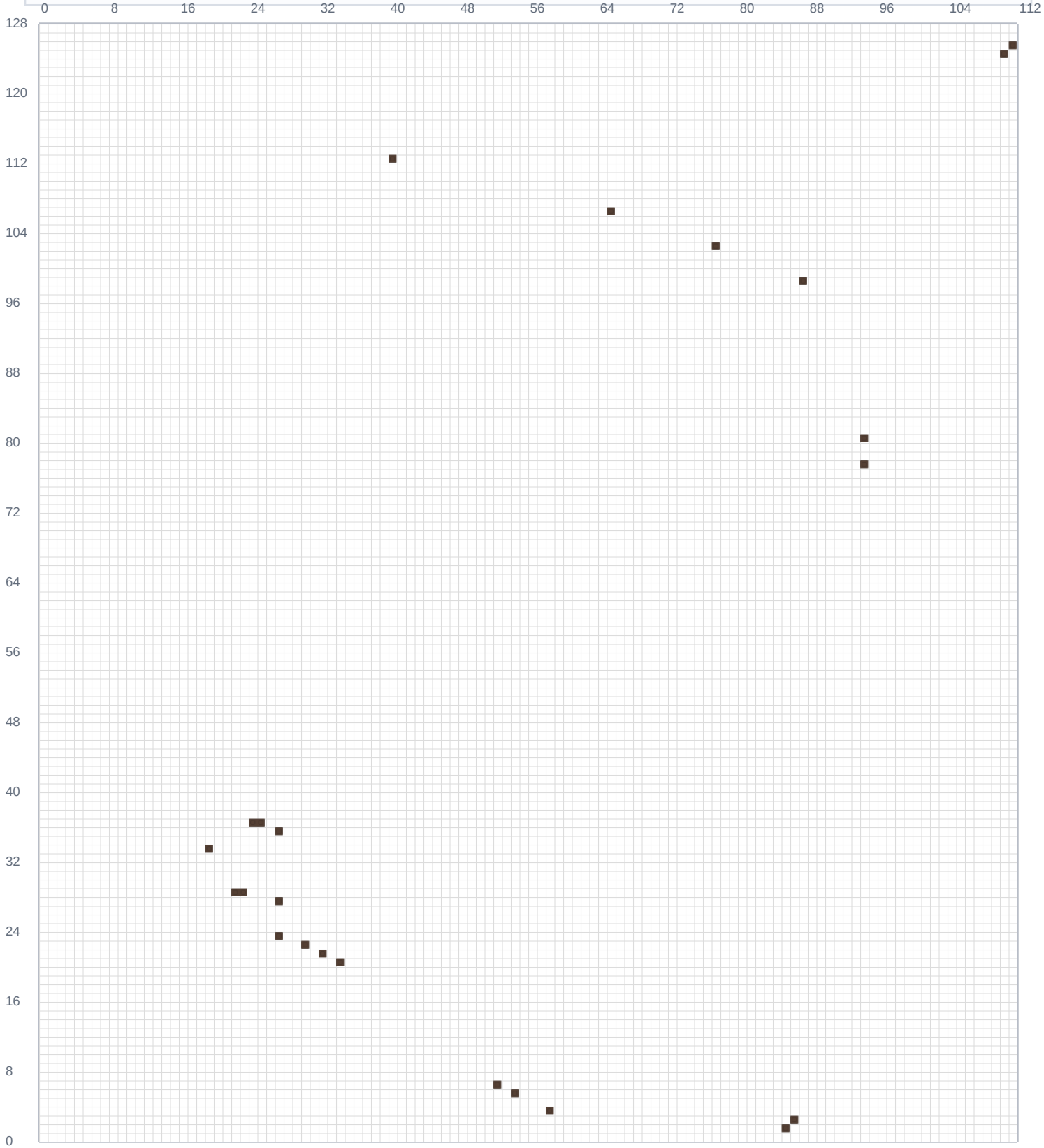


Layer 9 — Step 13 of 21

Color: Umber_Brown

This step needs:

1×2: 2 1×1: 20

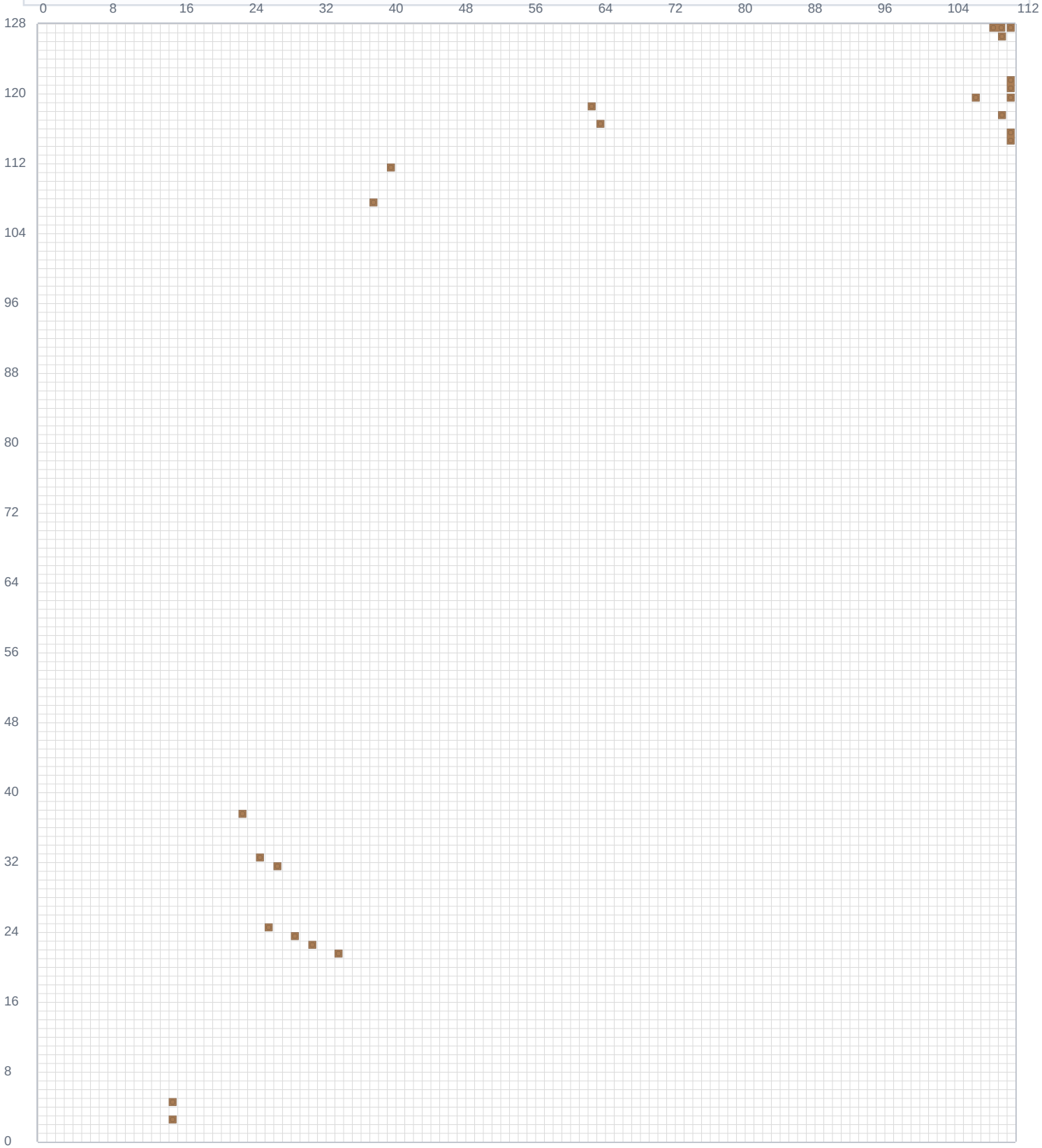


Layer 9 — Step 14 of 21

Color: Medium_Nougat

This step needs:

1×2: 3 1×1: 18

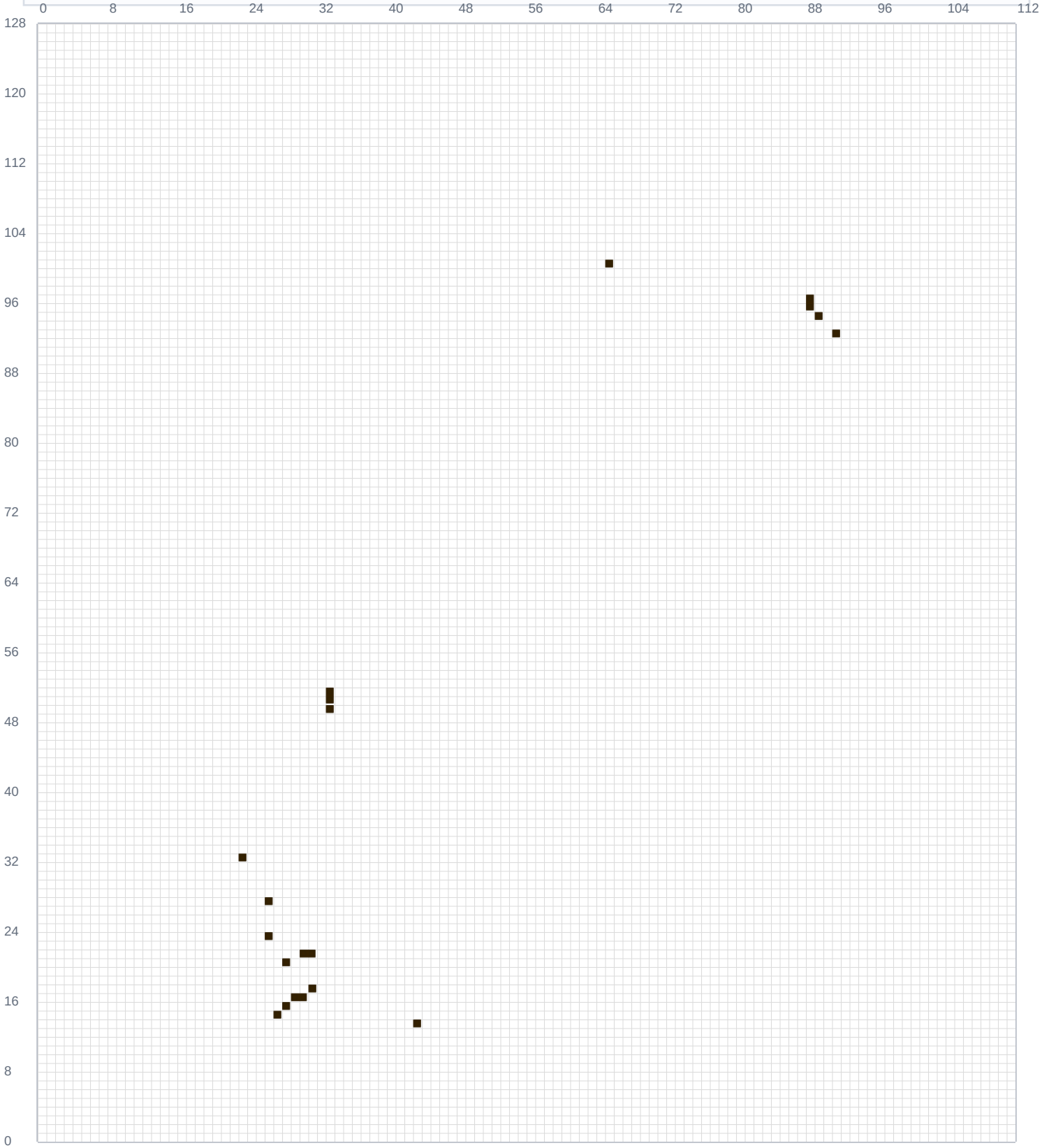


Layer 9 — Step 15 of 21

Color: Dark_Brown

This step needs:

1×2: 4 1×1: 12

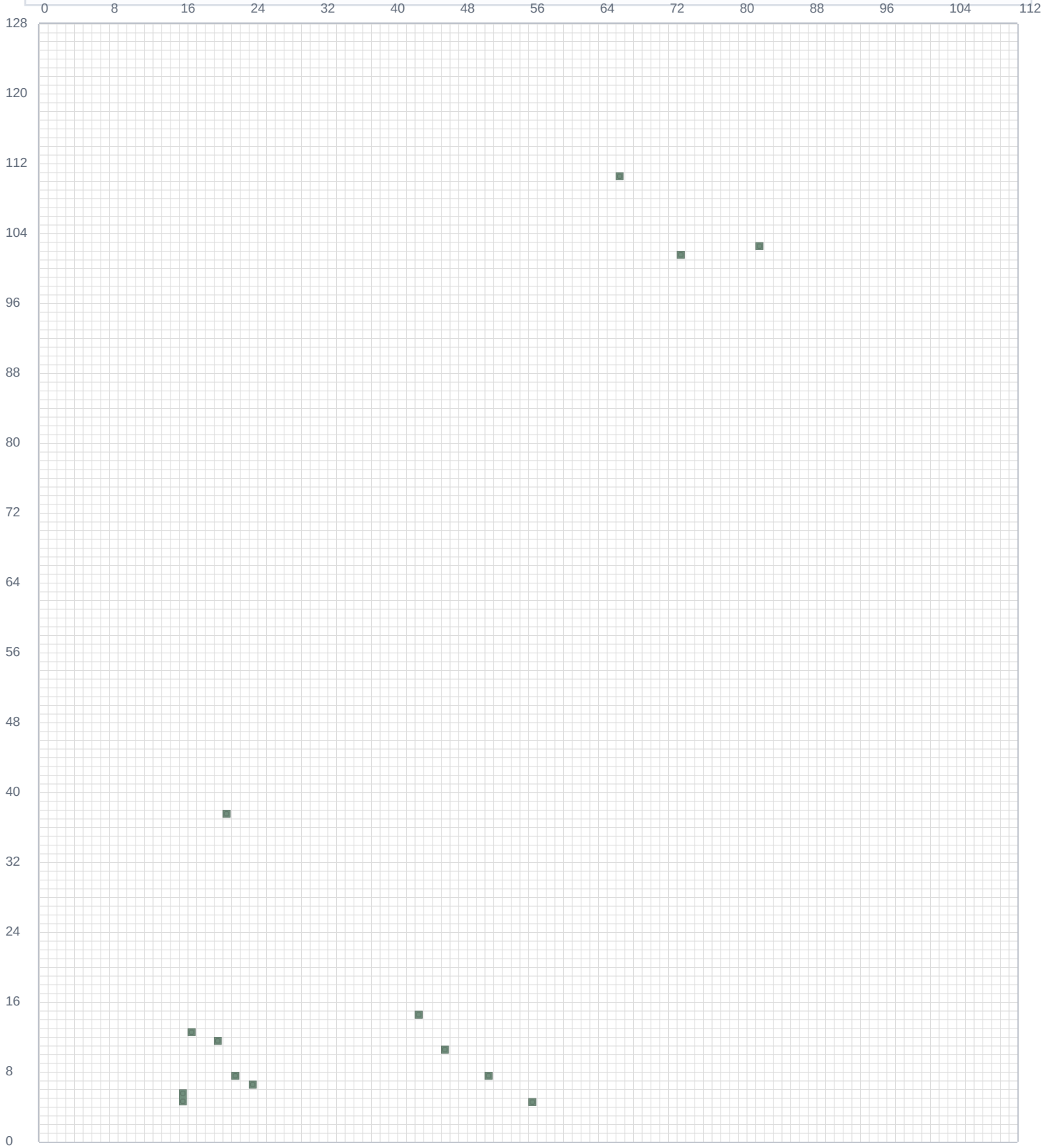


Layer 9 — Step 16 of 21

Color: Sand_Green

This step needs:

1×2: 1 1×1: 12

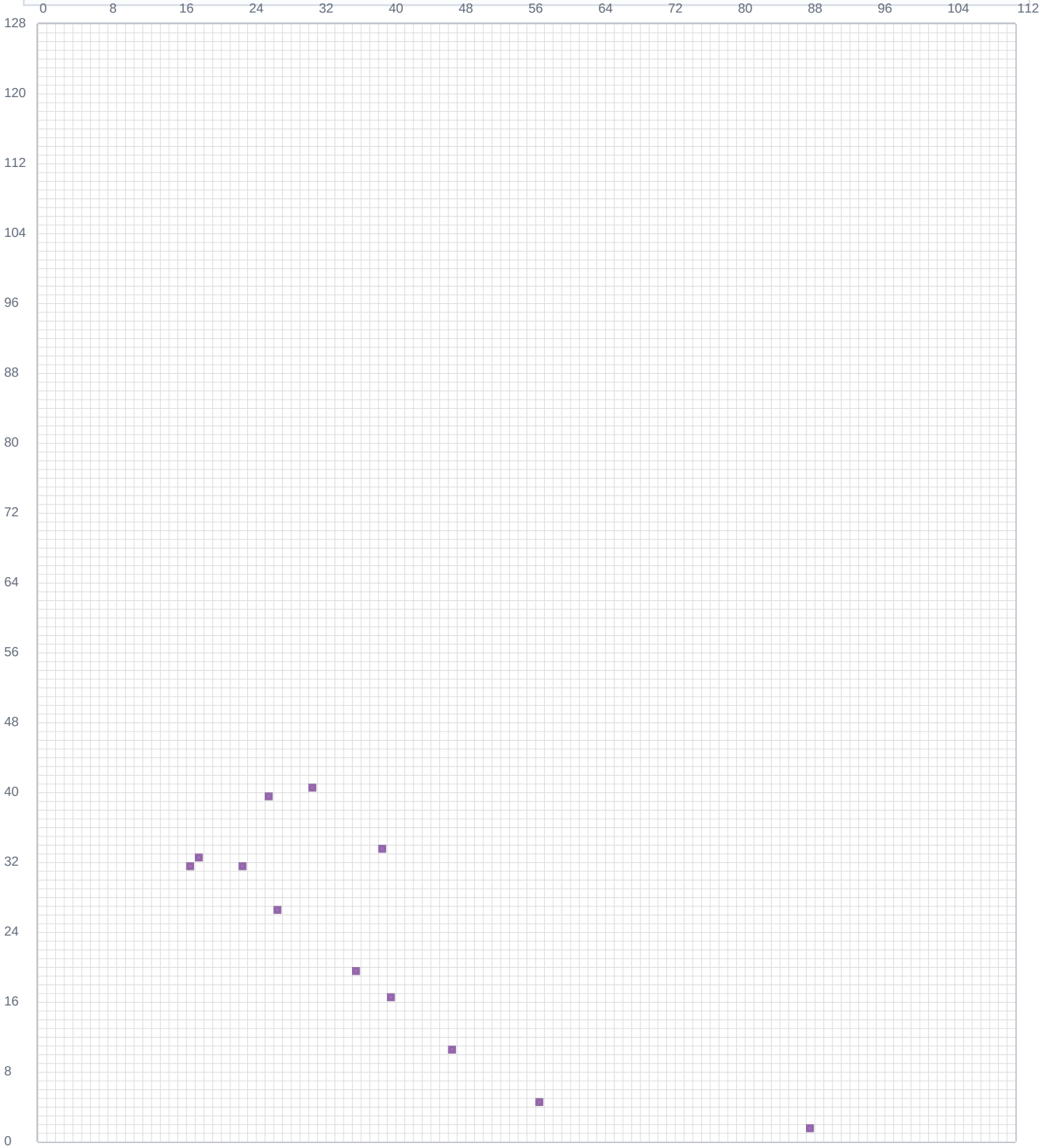


Layer 9 — Step 17 of 21

Color: Medium_Lavender

This step needs:

- 1×1: 12

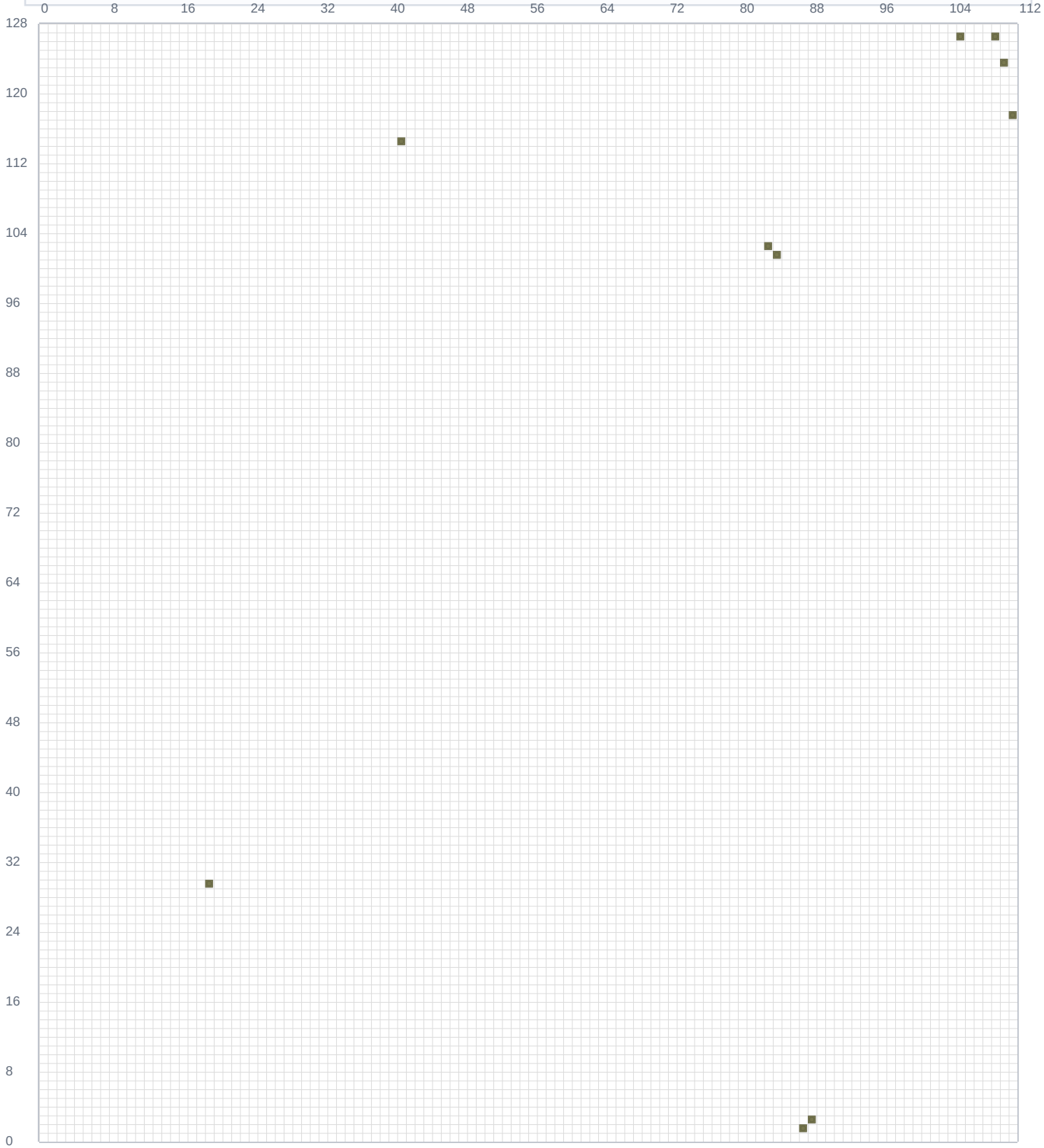


Layer 9 — Step 18 of 21

Color: Olive_Green

This step needs:

- 1×1: 10

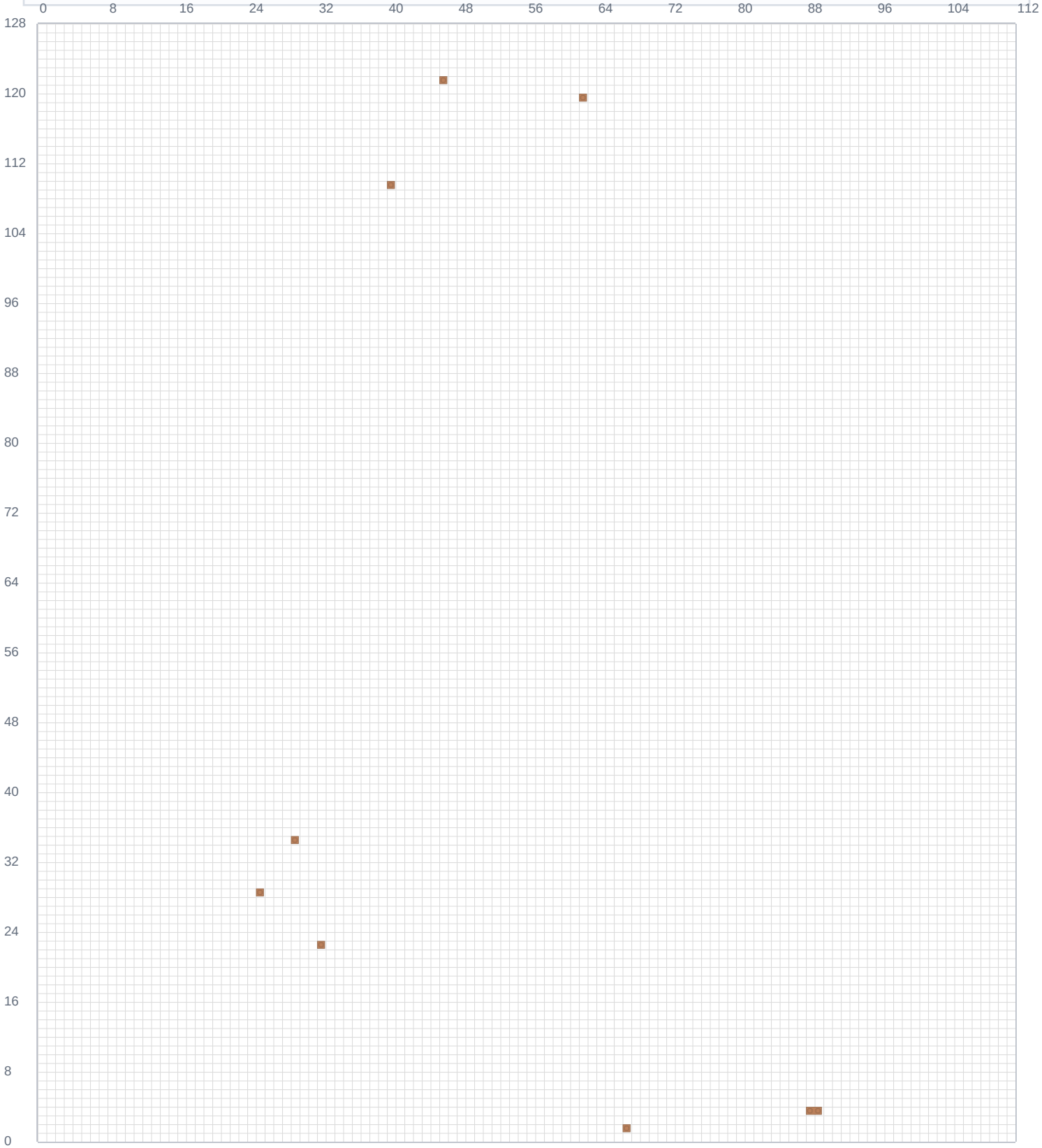


Layer 9 — Step 19 of 21

Color: Nougat

This step needs:

1×2: 1 1×1: 7

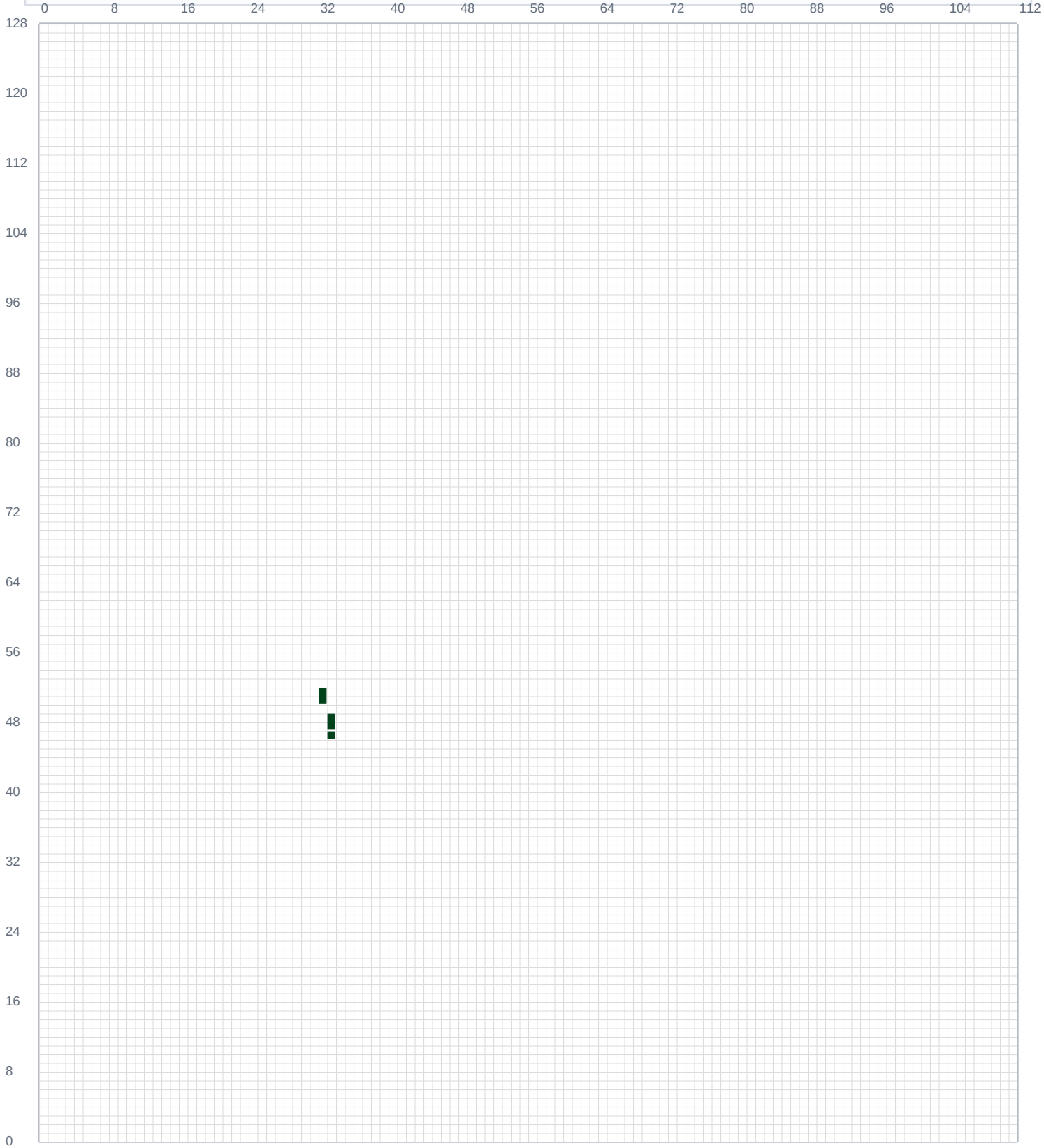


Layer 9 — Step 20 of 21

Color: Dark_Green

This step needs:

1×2: 2 1×1: 1

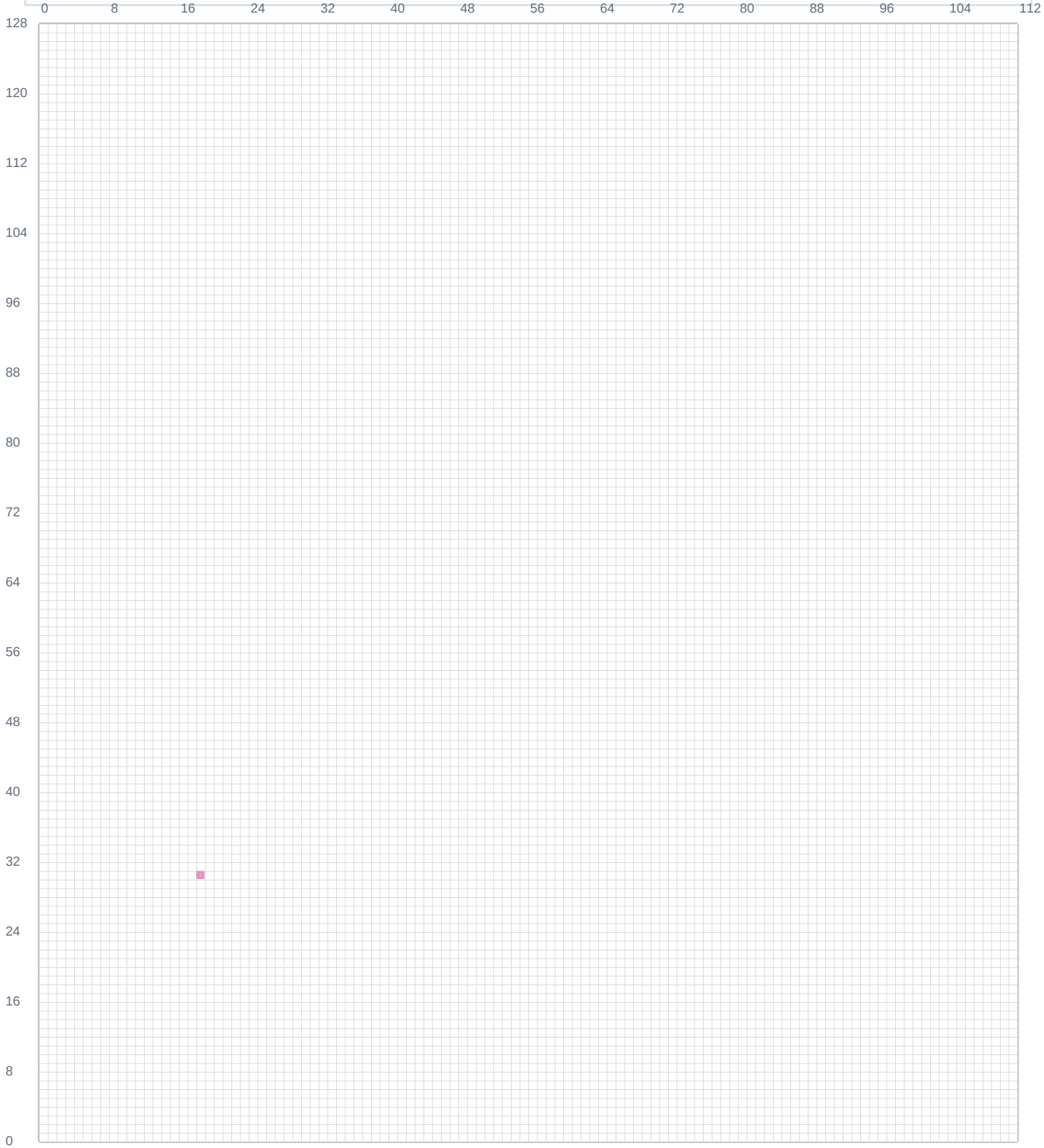


Layer 9 — Step 21 of 21

Color: Bright_Pink

This step needs:

- 1×1: 1



Layer 10 — Step 1 of 21

Color: Light_Aqua

This step needs:

2×4: 9 | 2×2: 18 | 1×2: 158 | 1×1: 119

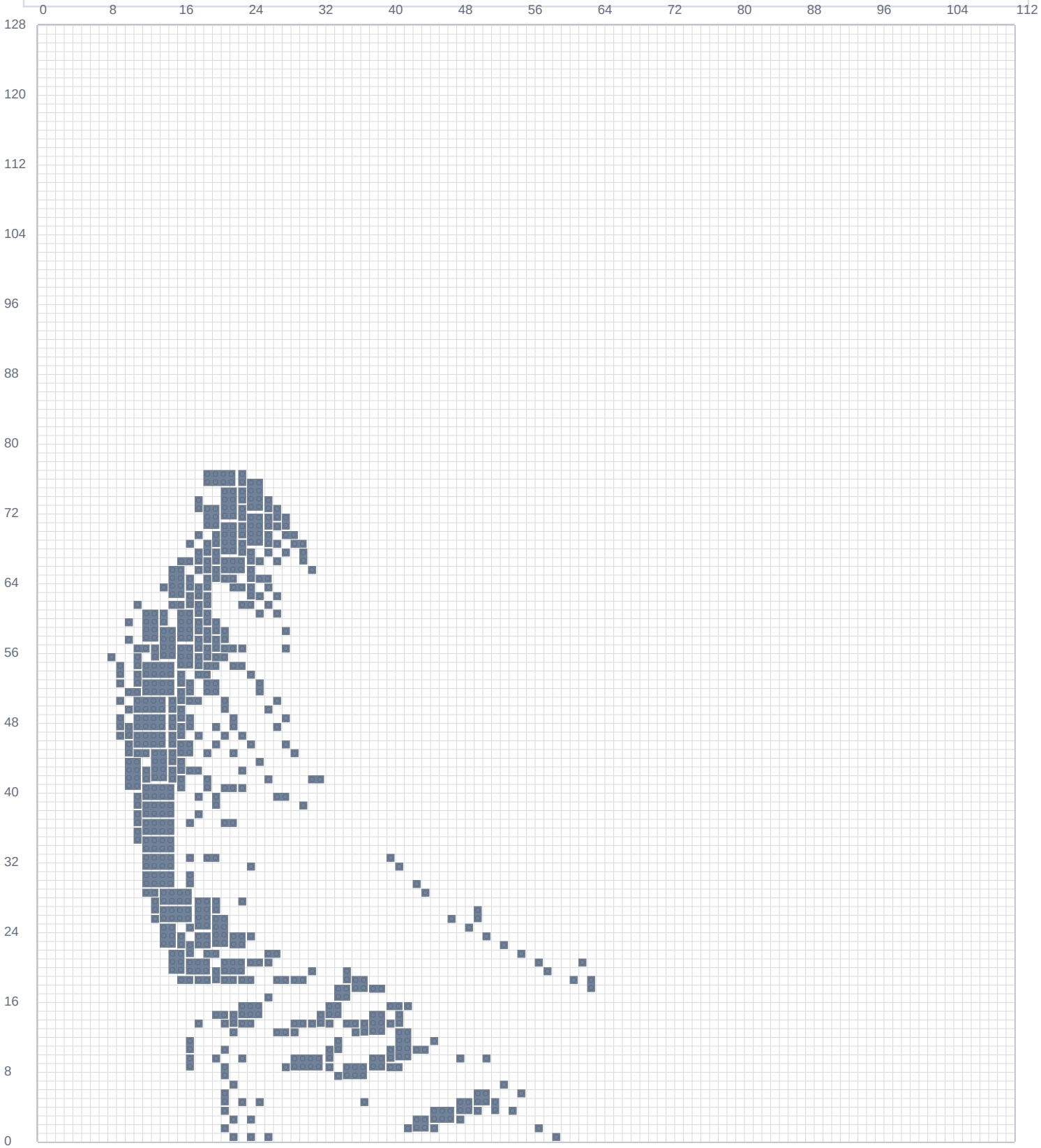


Layer 10 — Step 2 of 21

Color: Sand_Blue

This step needs:

2×4: 28 | 2×2: 22 | 1×2: 129 | 1×1: 111



Layer 10 — Step 3 of 21

Color: White

This step needs:

2×4: 12 2×2: 22 1×2: 101 1×1: 82

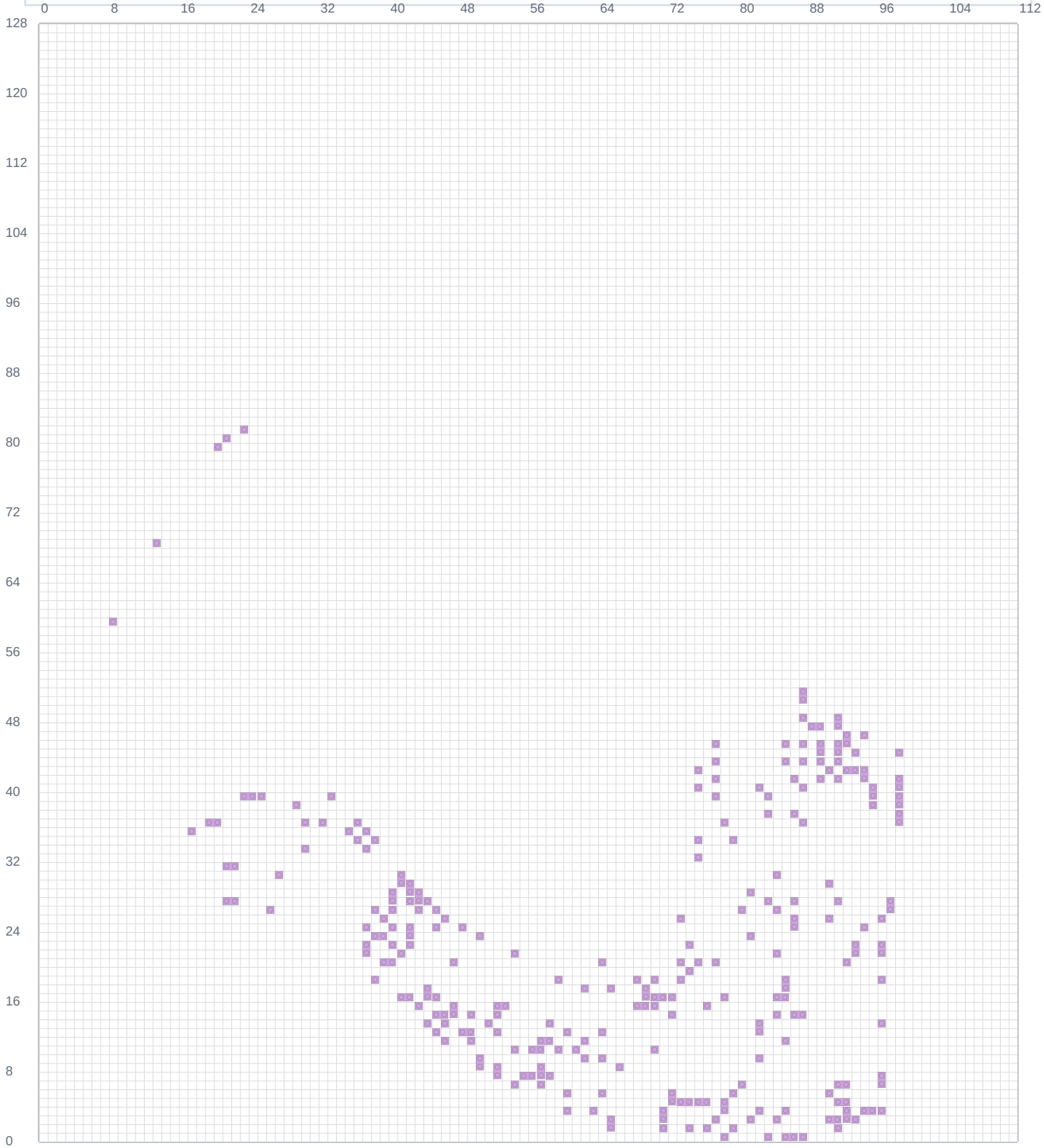


Layer 10 — Step 4 of 21

Color: Lavender

This step needs:

1×2: 60 1×1: 154

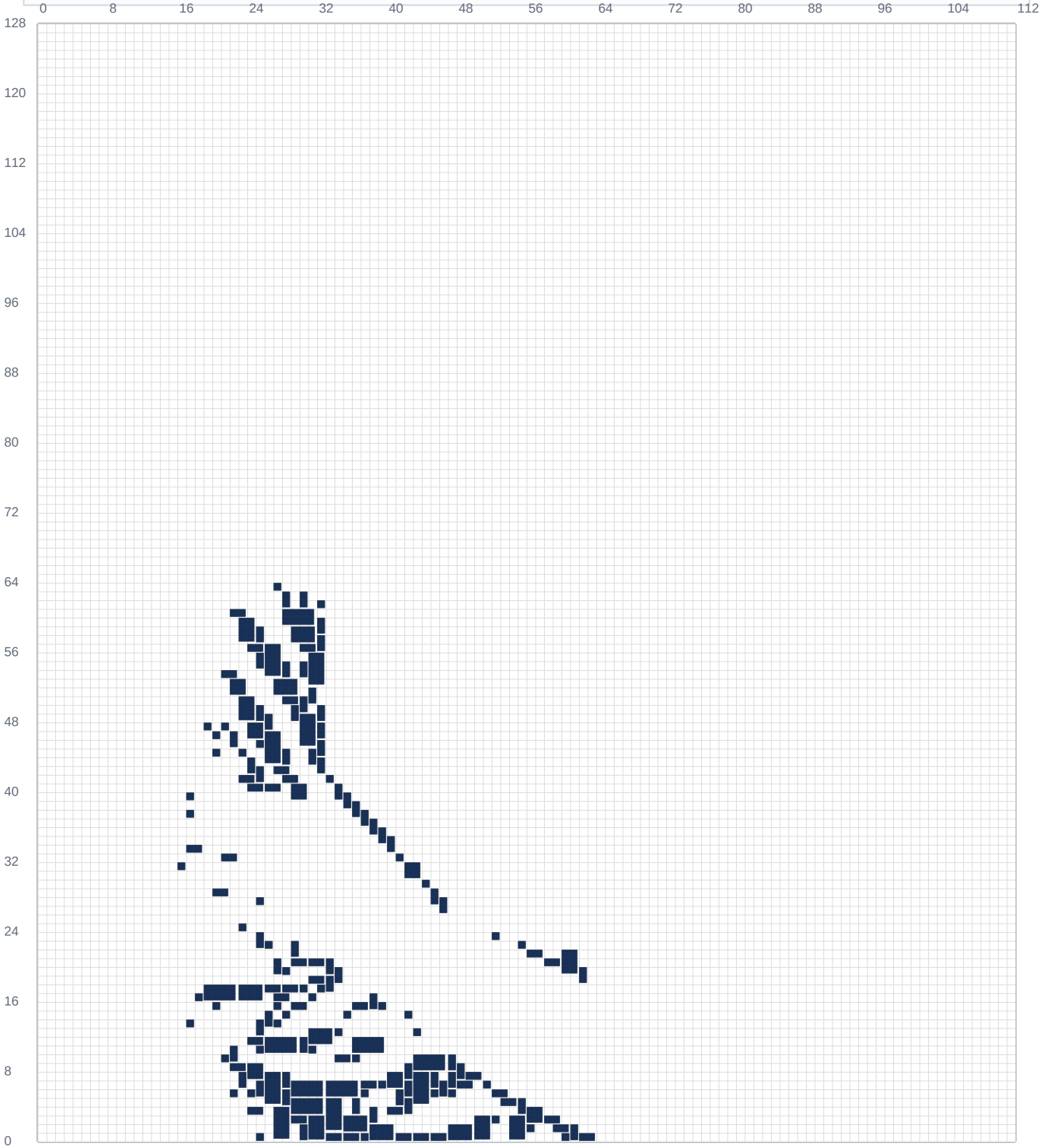


Layer 10 — Step 5 of 21

Color: Dark_Blue

This step needs:

2×4: 16 · 2×2: 20 · 1×2: 103 · 1×1: 50

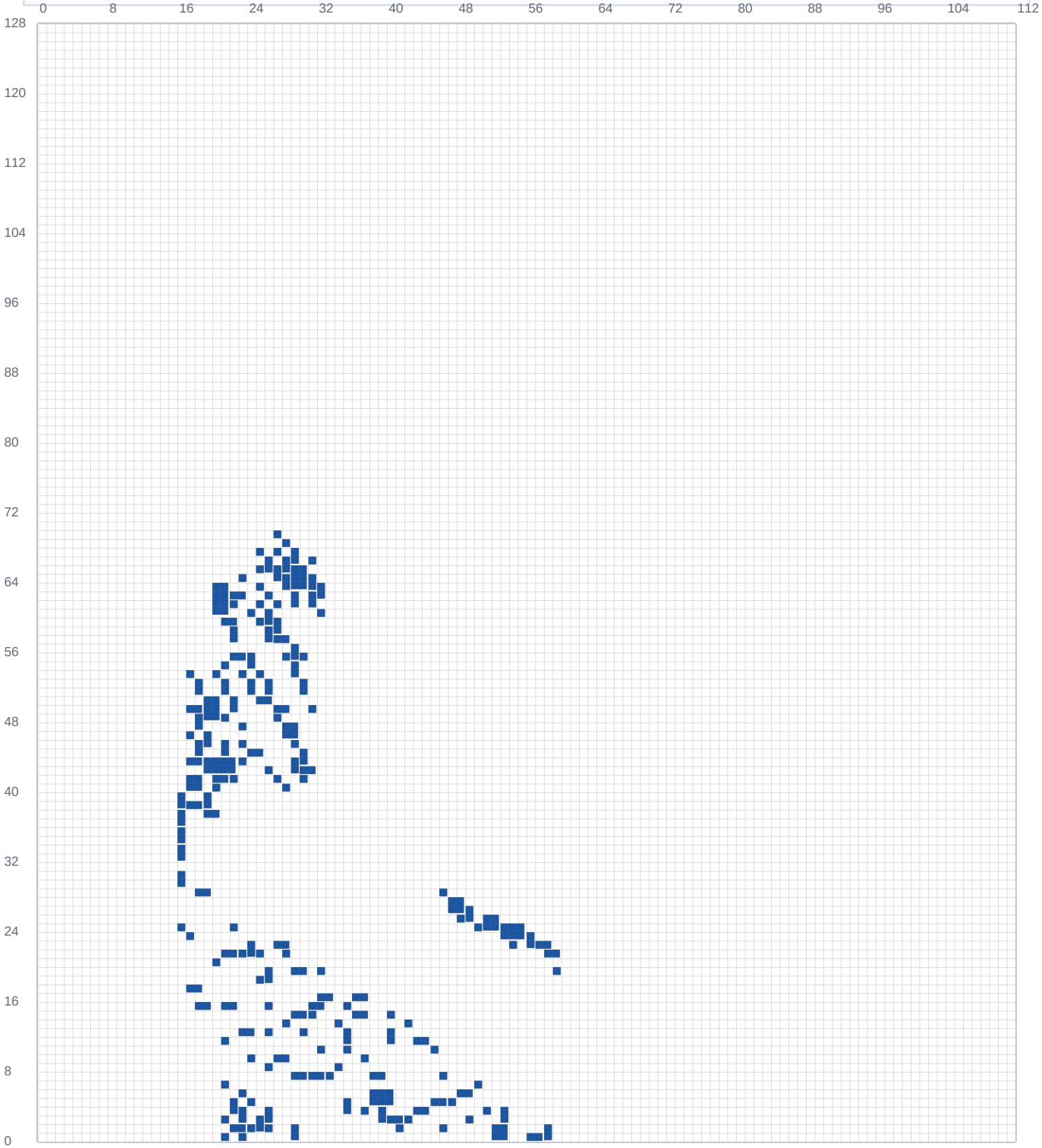


Layer 10 — Step 6 of 21

Color: Blue

This step needs:

2×4: 2 · 2×2: 9 · 1×2: 88 · 1×1: 85

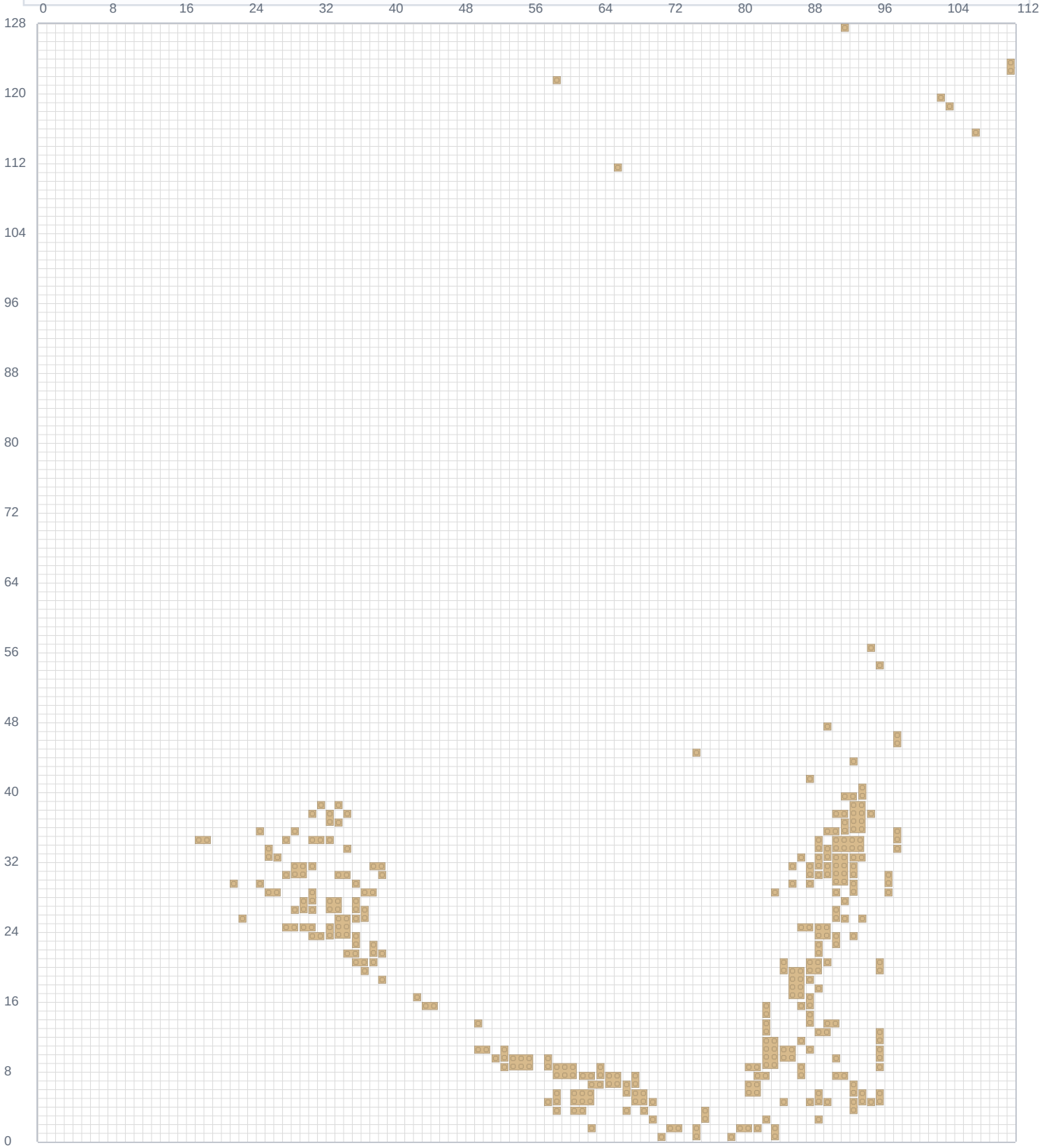


Layer 10 — Step 7 of 21

Color: Tan

This step needs:

2×4: 5 · 2×2: 12 · 1×2: 76 · 1×1: 79

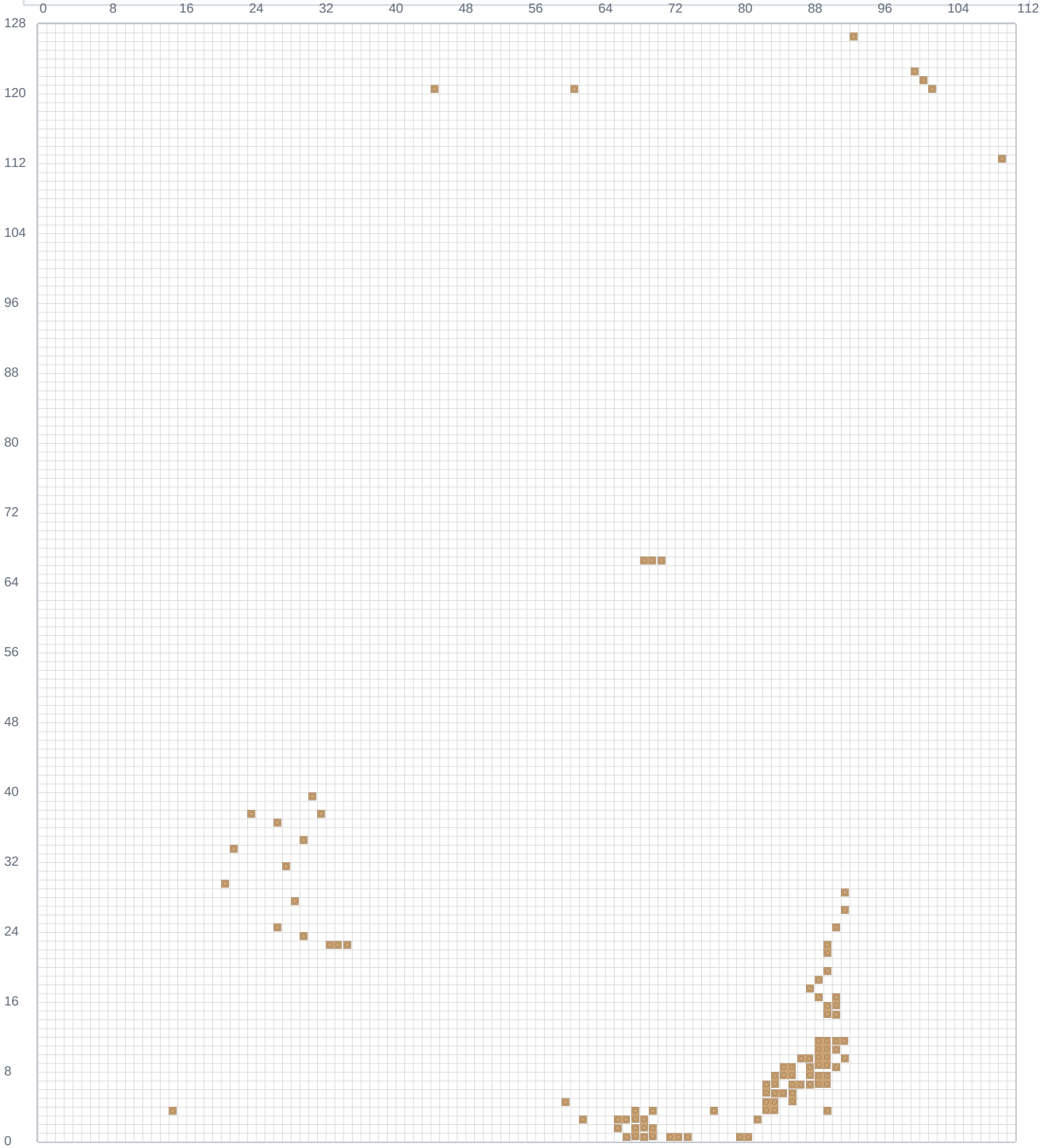


Layer 10 — Step 8 of 21

Color: Medium_Tan

This step needs:

2×4: 1 2×2: 3 1×2: 20 1×1: 43

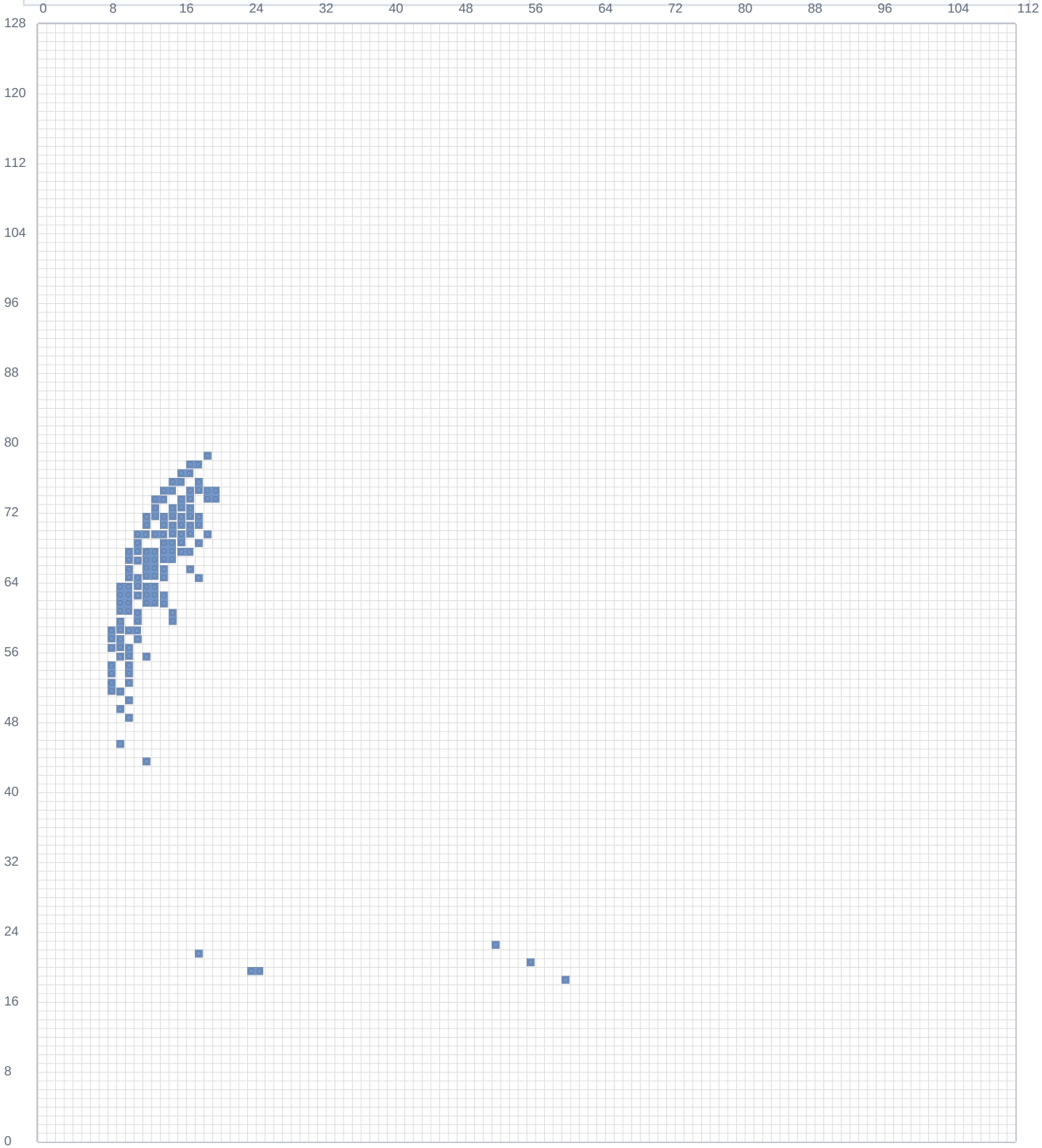


Layer 10 — Step 9 of 21

Color: Medium_Blue

This step needs:

2×4: 2 2×2: 3 1×2: 38 1×1: 22

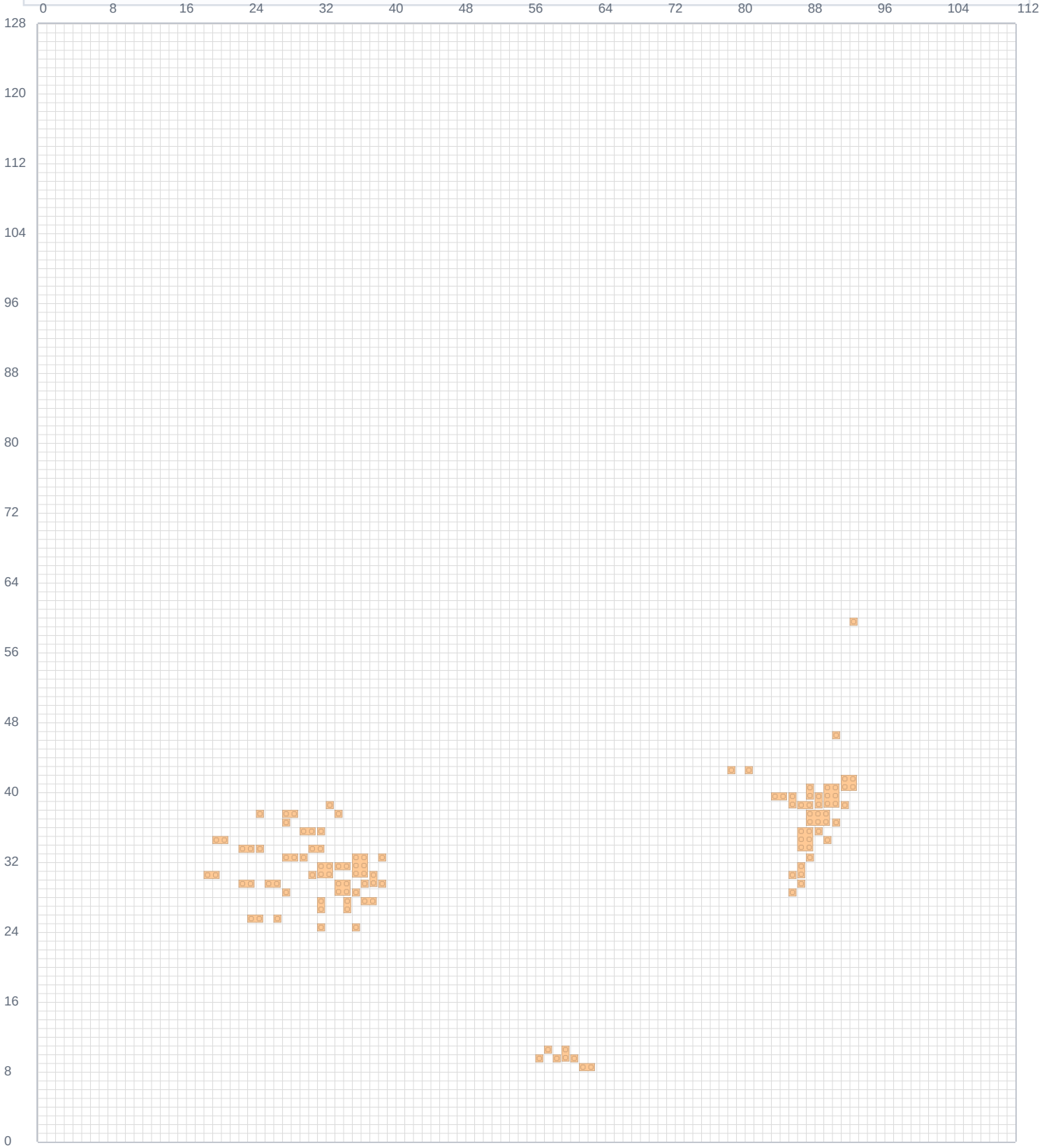


Layer 10 — Step 10 of 21

Color: Light_Nougat

This step needs:

2×2: 7 1×2: 23 1×1: 32

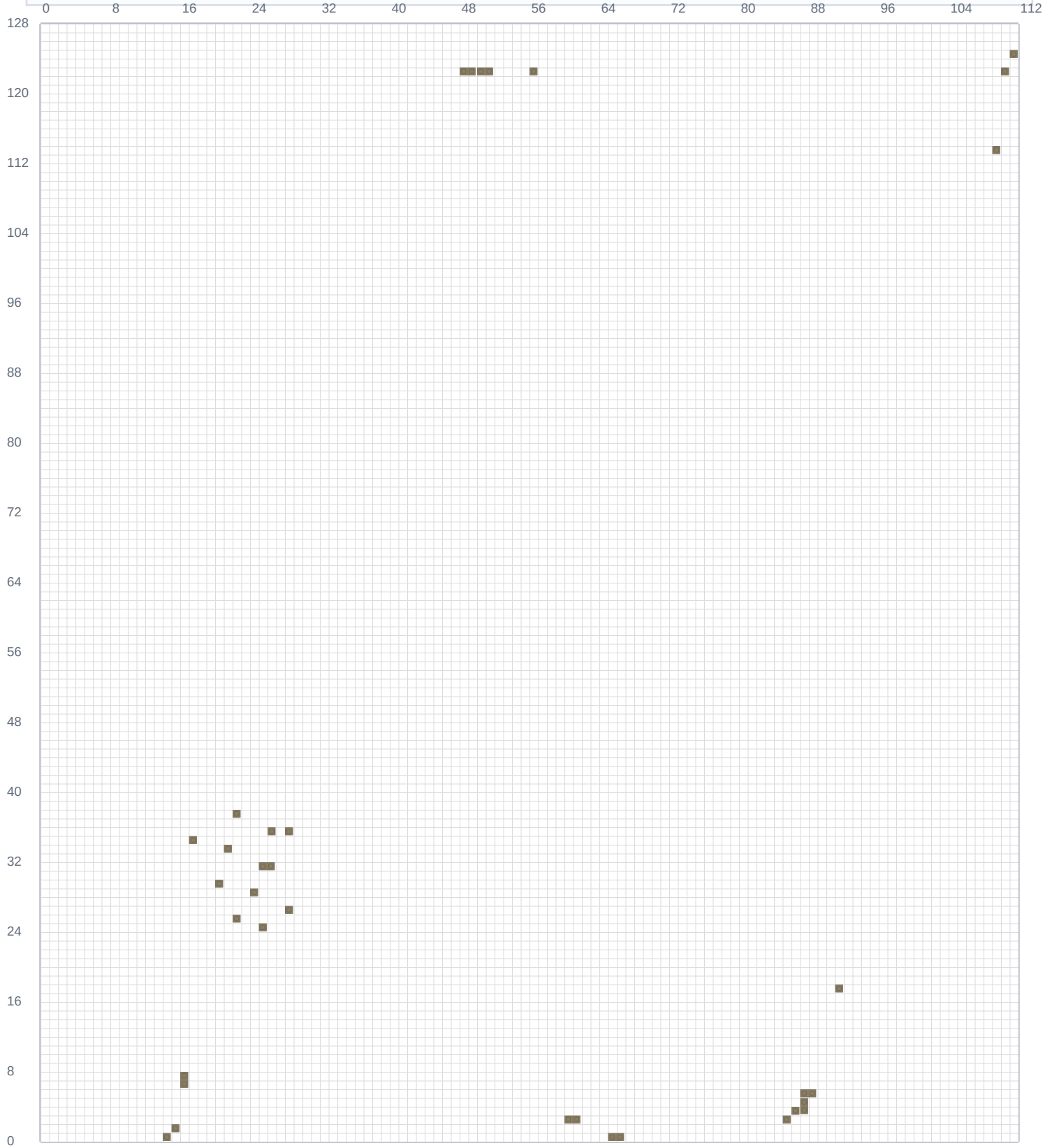


Layer 10 — Step 11 of 21

Color: Dark_Tan

This step needs:

1×2: 8 1×1: 19

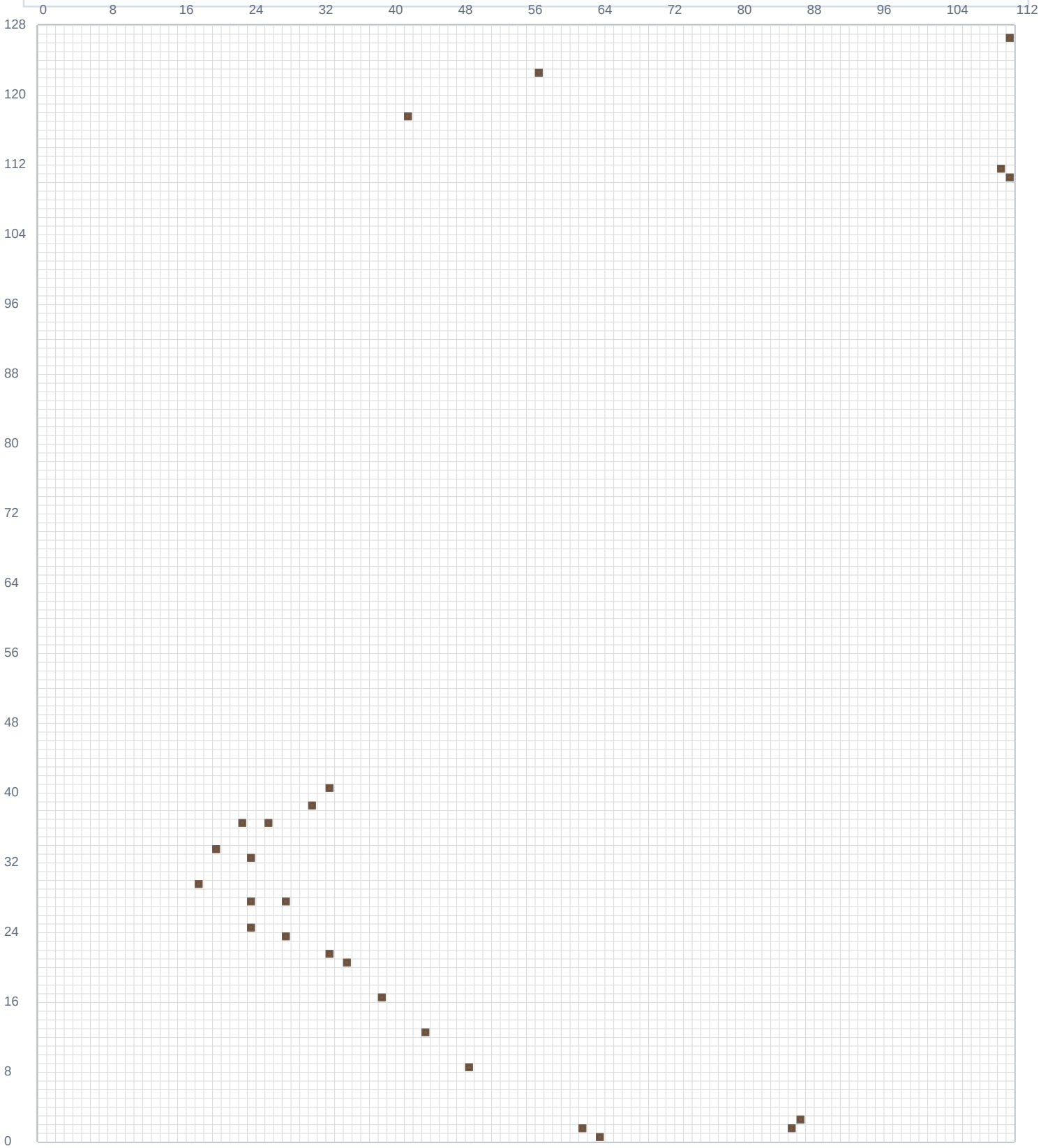


Layer 10 — Step 12 of 21

Color: Medium_Brown

This step needs:

- 1×1: 25

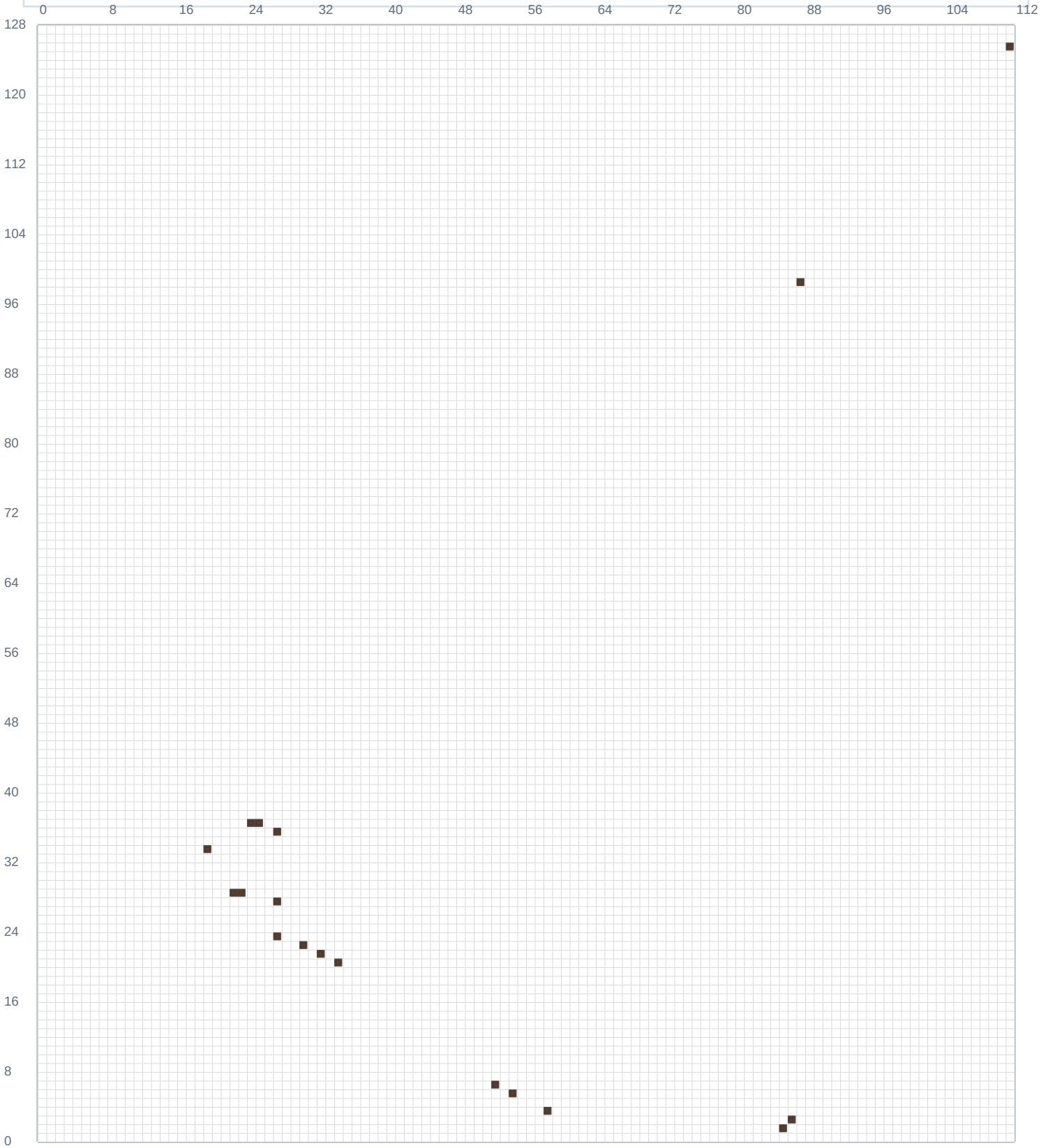


Layer 10 — Step 13 of 21

Color: Umber_Brown

This step needs:

1×2: 2 1×1: 14

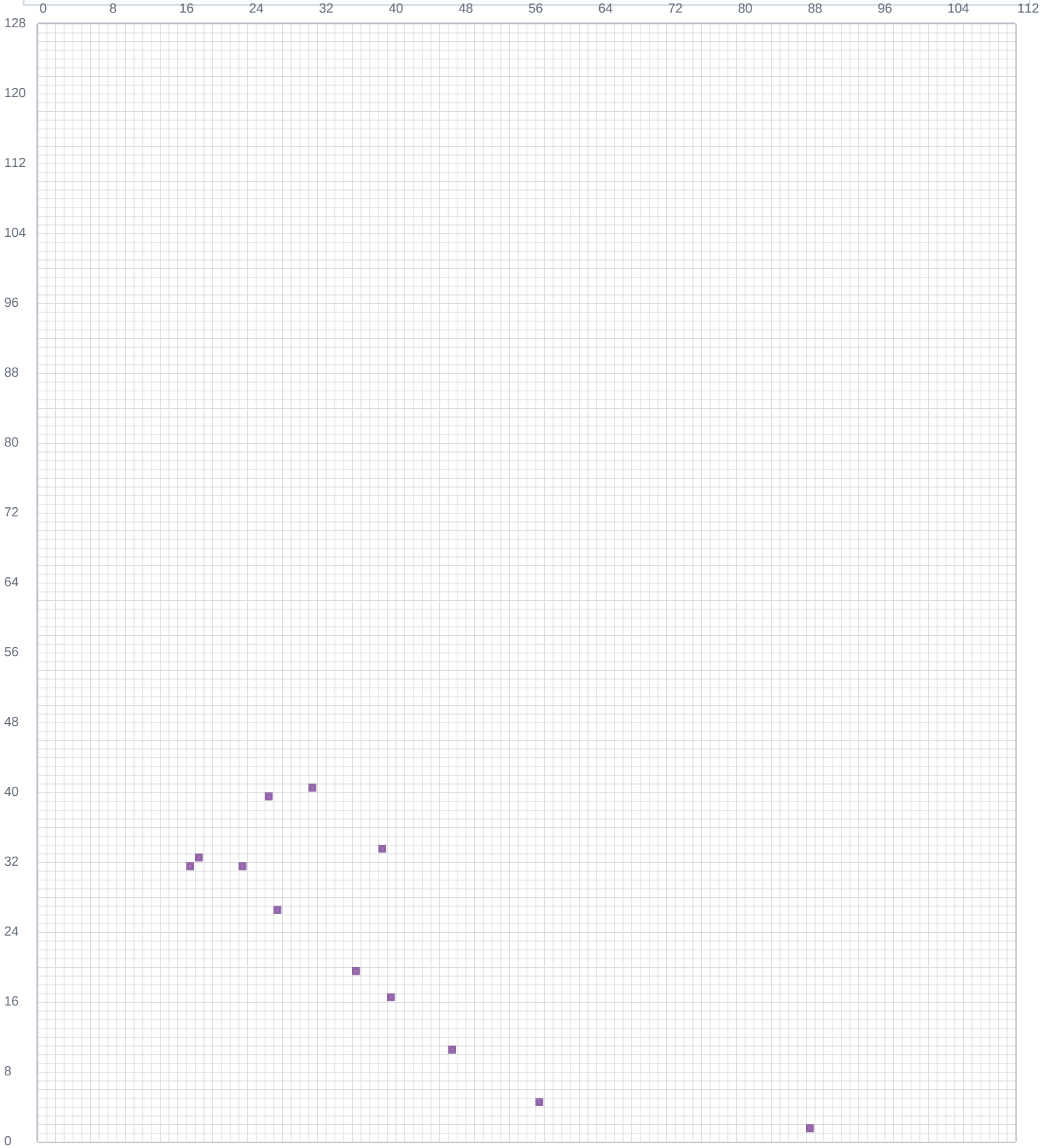


Layer 10 — Step 14 of 21

Color: Medium_Lavender

This step needs:

- 1×1: 12

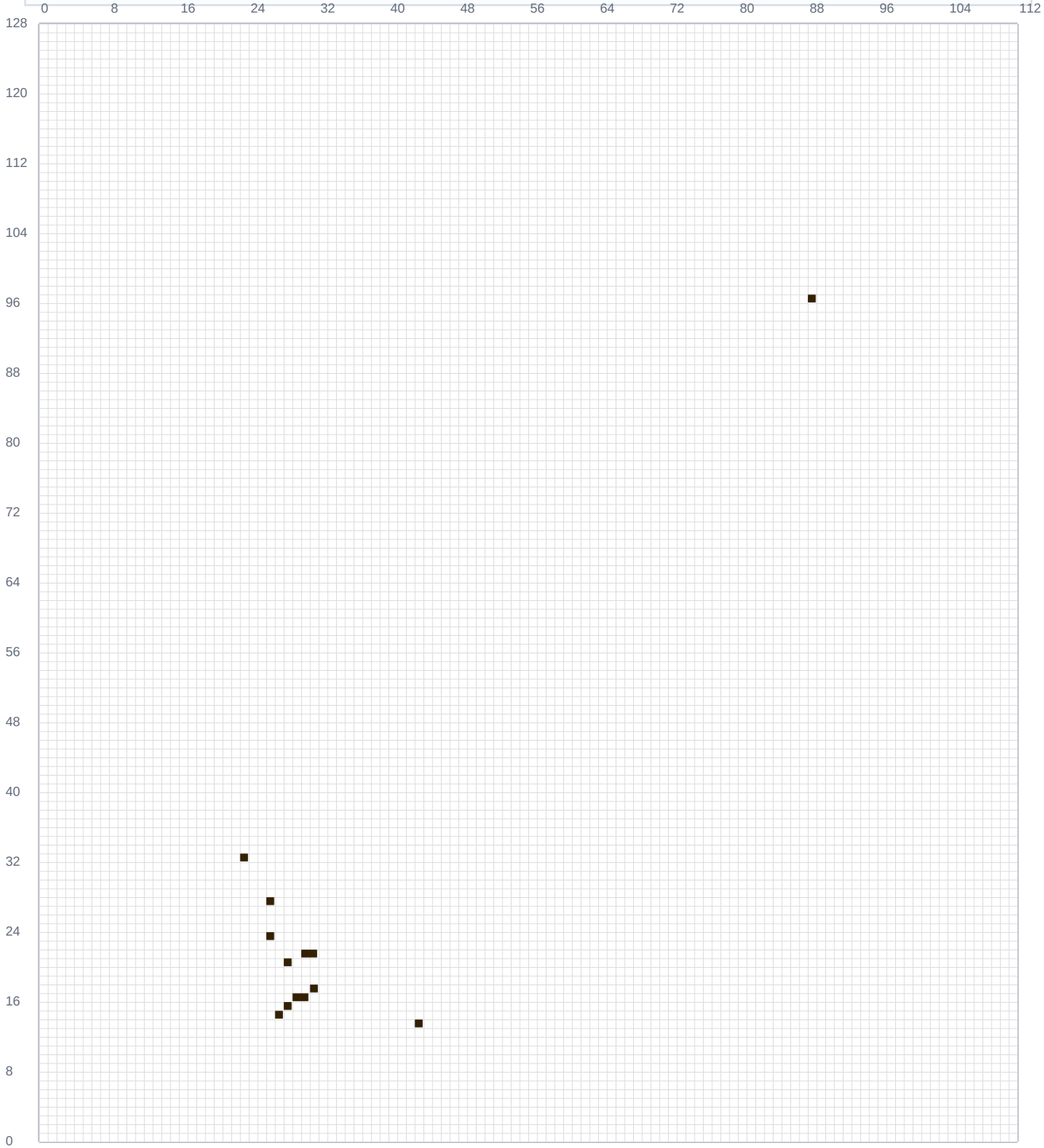


Layer 10 — Step 15 of 21

Color: Dark_Brown

This step needs:

1×2: 2 1×1: 9

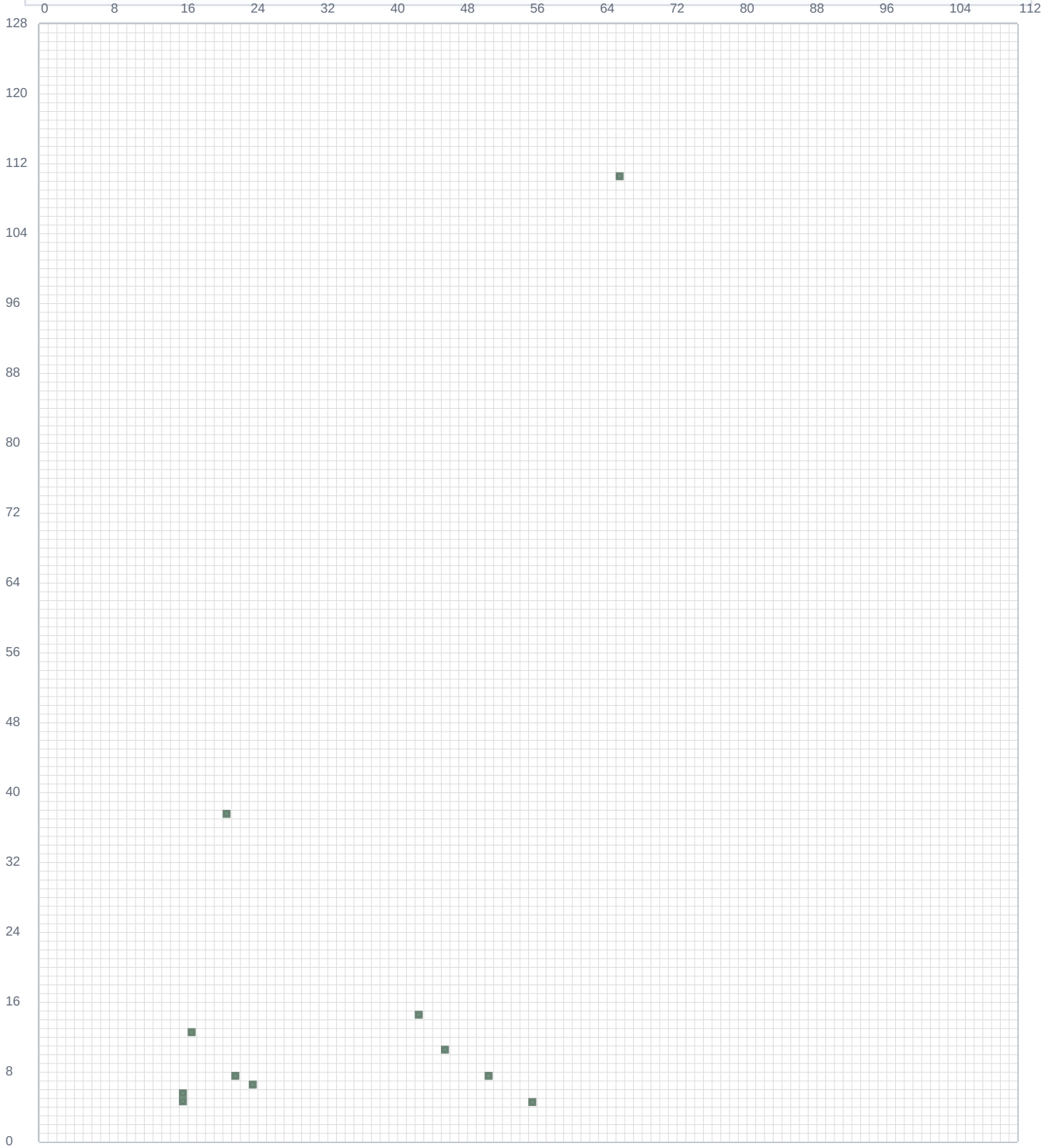


Layer 10 — Step 16 of 21

Color: Sand_Green

This step needs:

1×2: 1 1×1: 9

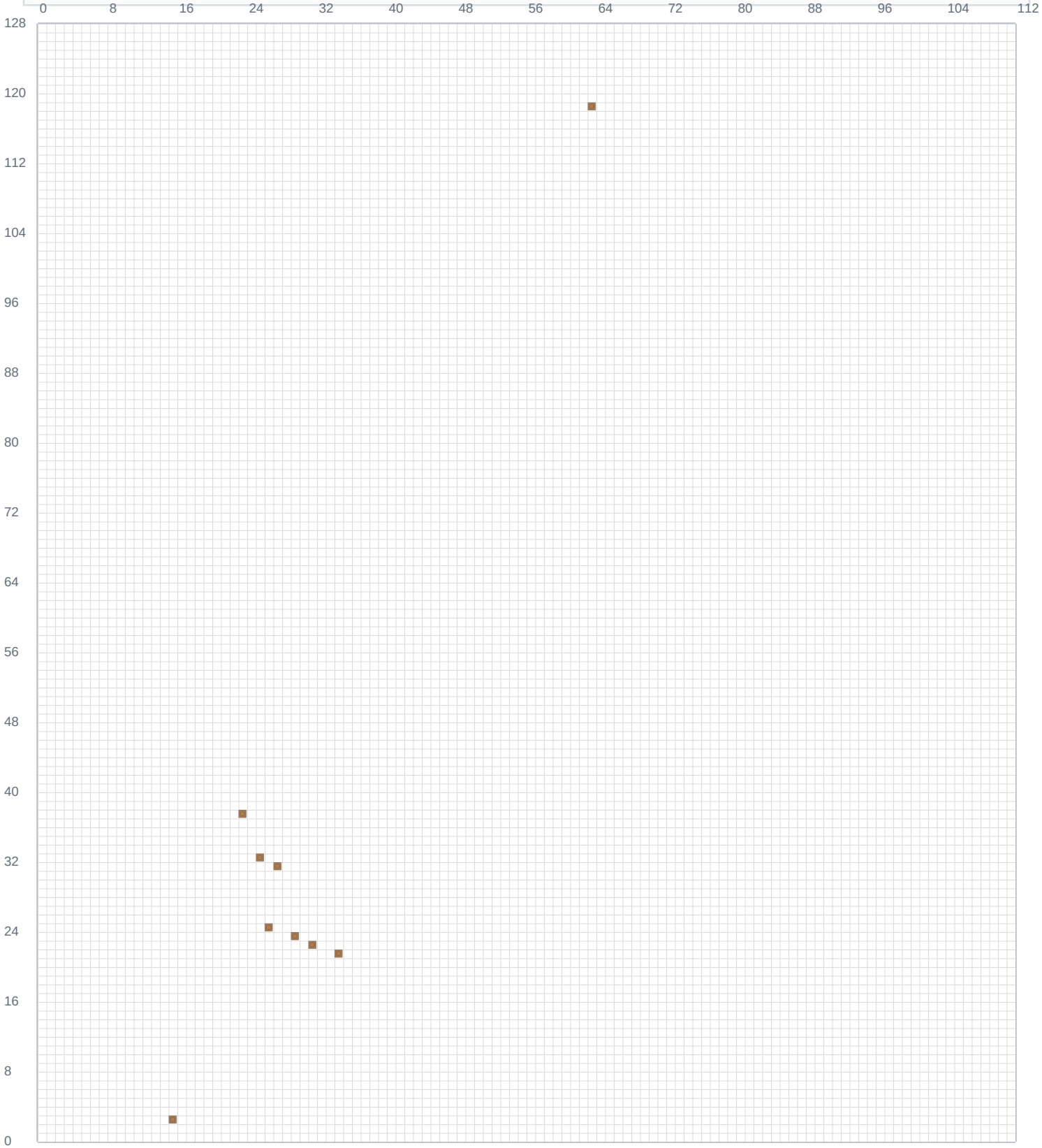


Layer 10 — Step 17 of 21

Color: Medium_Nougat

This step needs:

- 1×1: 9

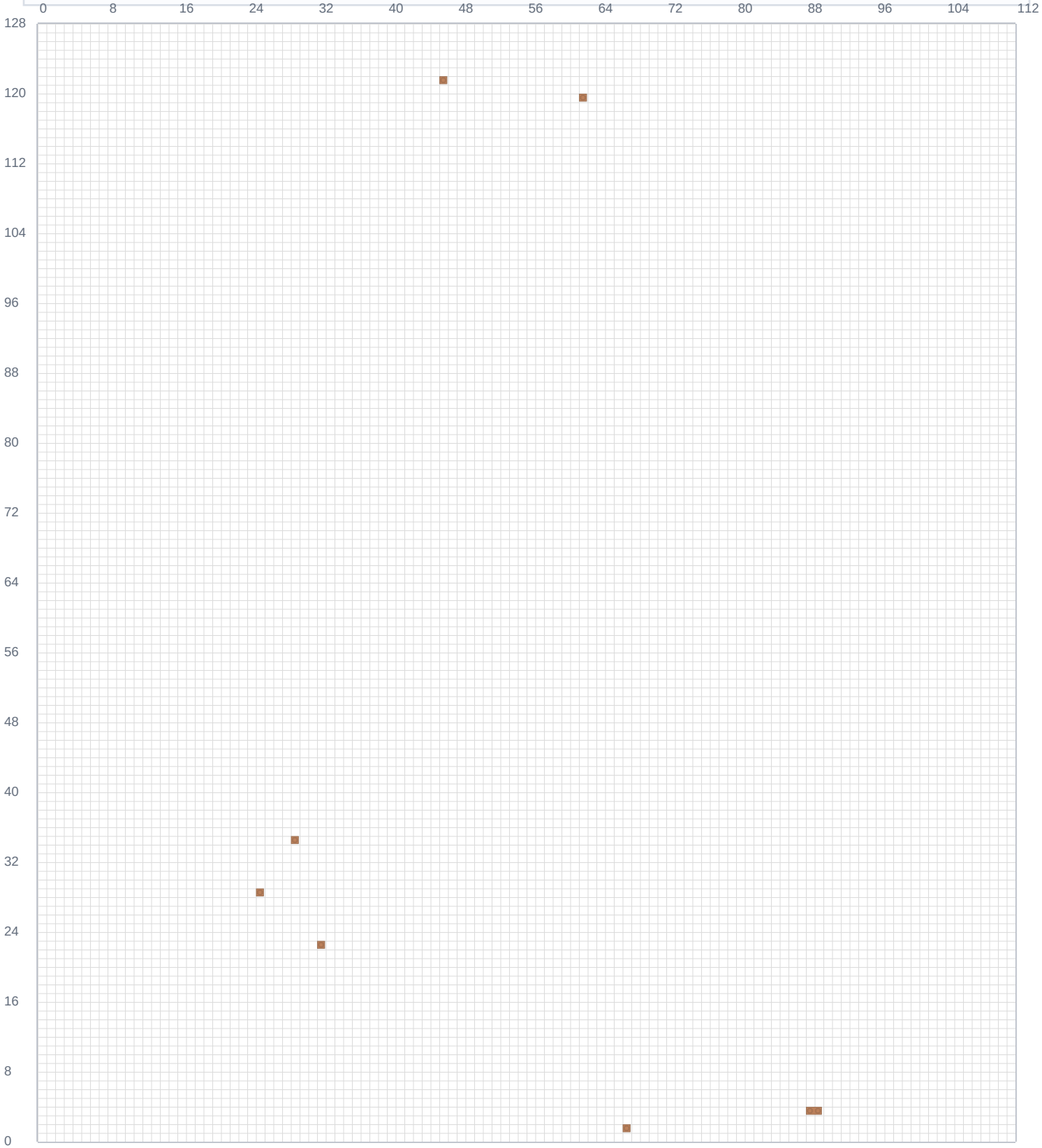


Layer 10 — Step 18 of 21

Color: Nougat

This step needs:

1×2: 1 1×1: 6

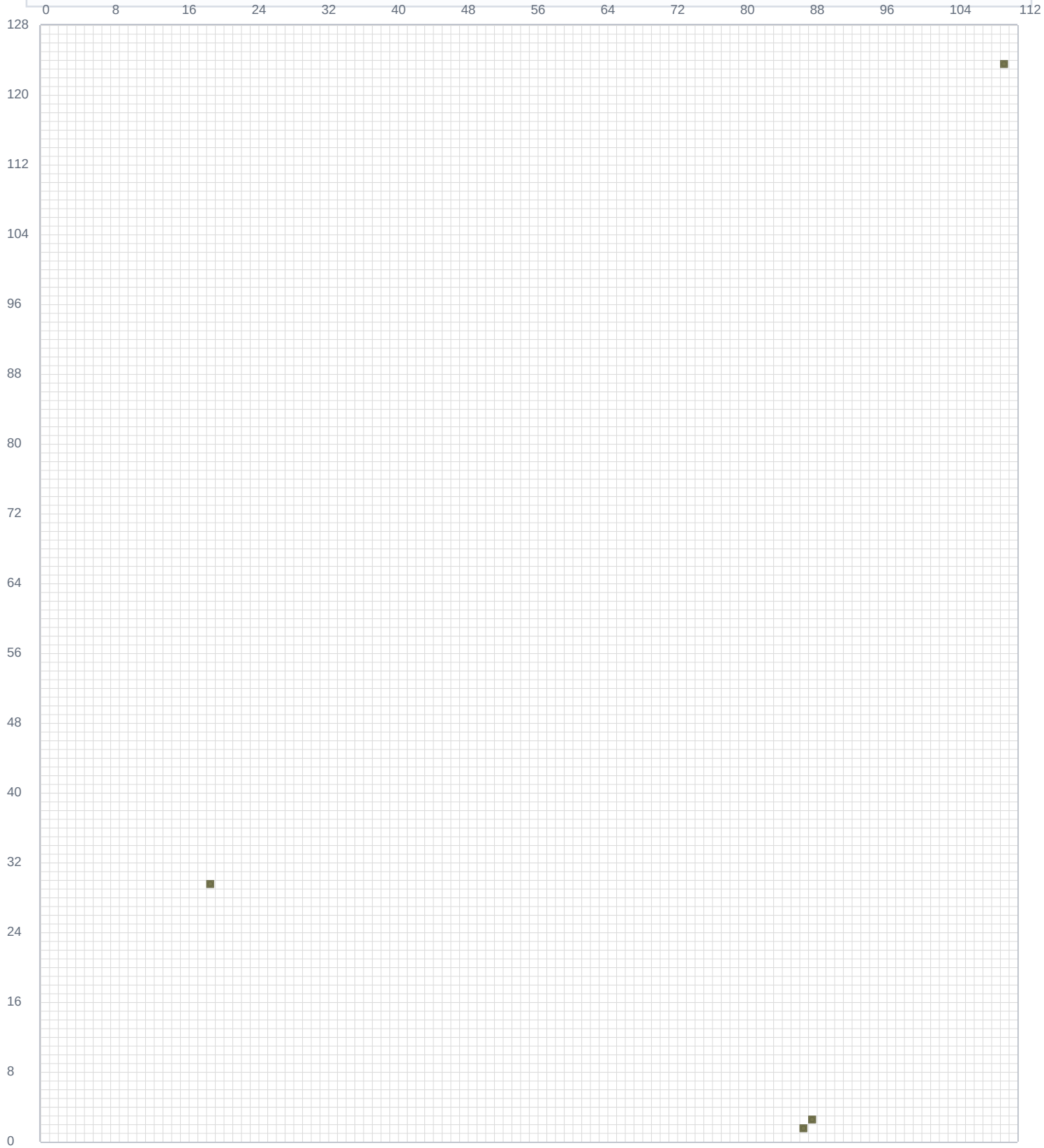


Layer 10 — Step 19 of 21

Color: Olive_Green

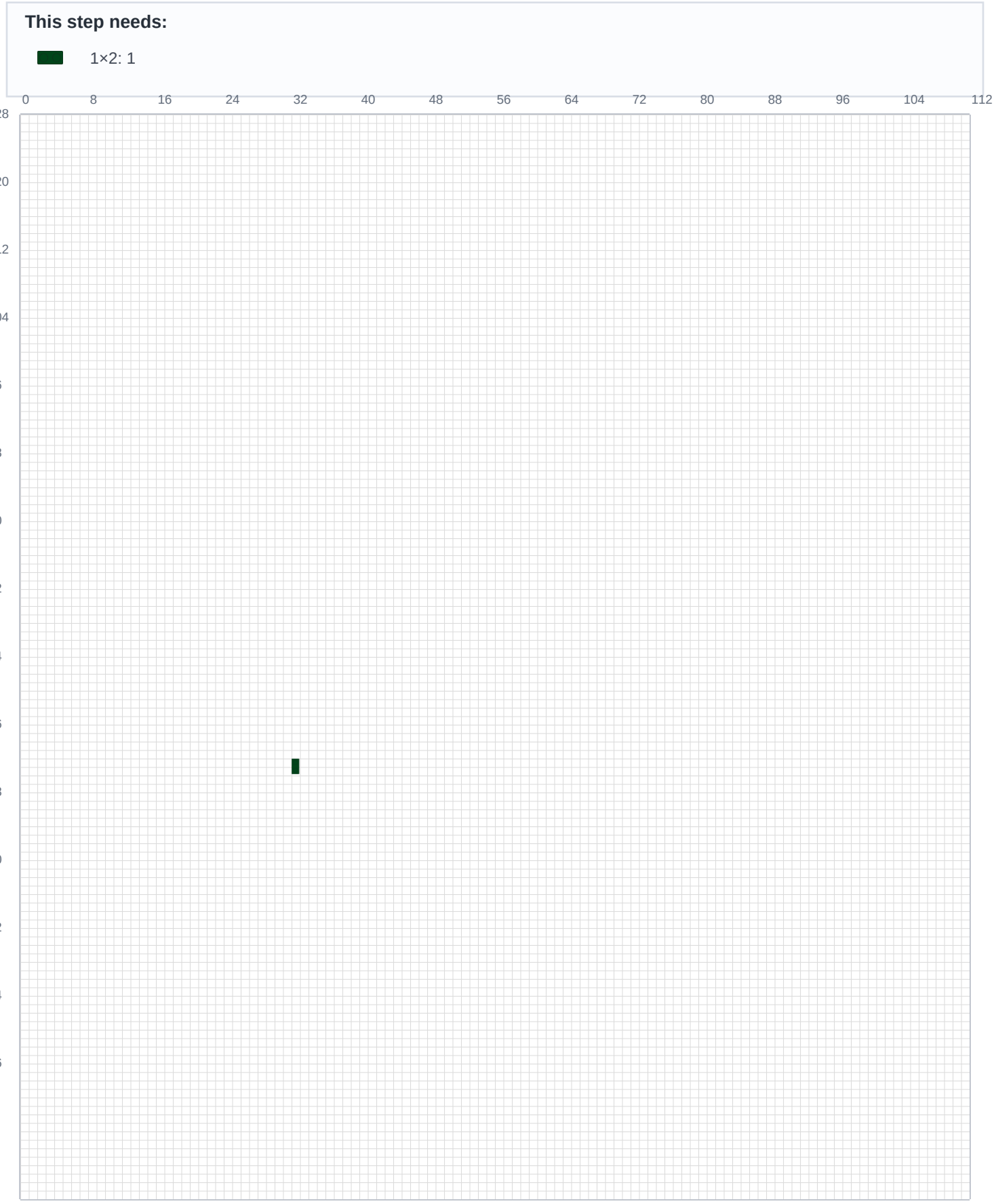
This step needs:

- 1×1: 4



Layer 10 — Step 20 of 21

Color: Dark_Green

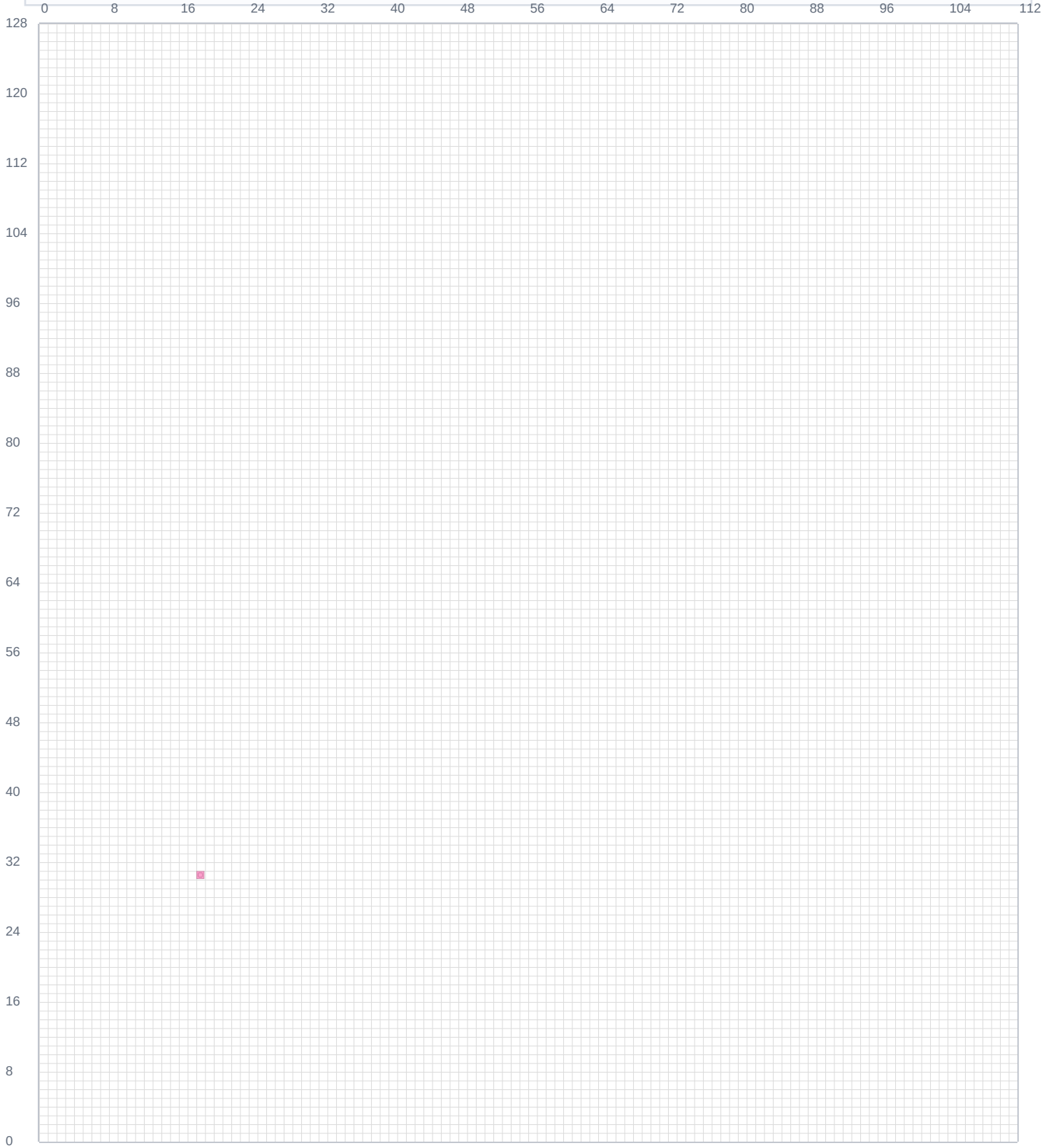


Layer 10 — Step 21 of 21

Color: Bright_Pink

This step needs:

- 1×1: 1



Layer 11 — Step 1 of 20

Color: Light_Aqua

This step needs:

2×4: 7 | 2×2: 15 | 1×2: 131 | 1×1: 107

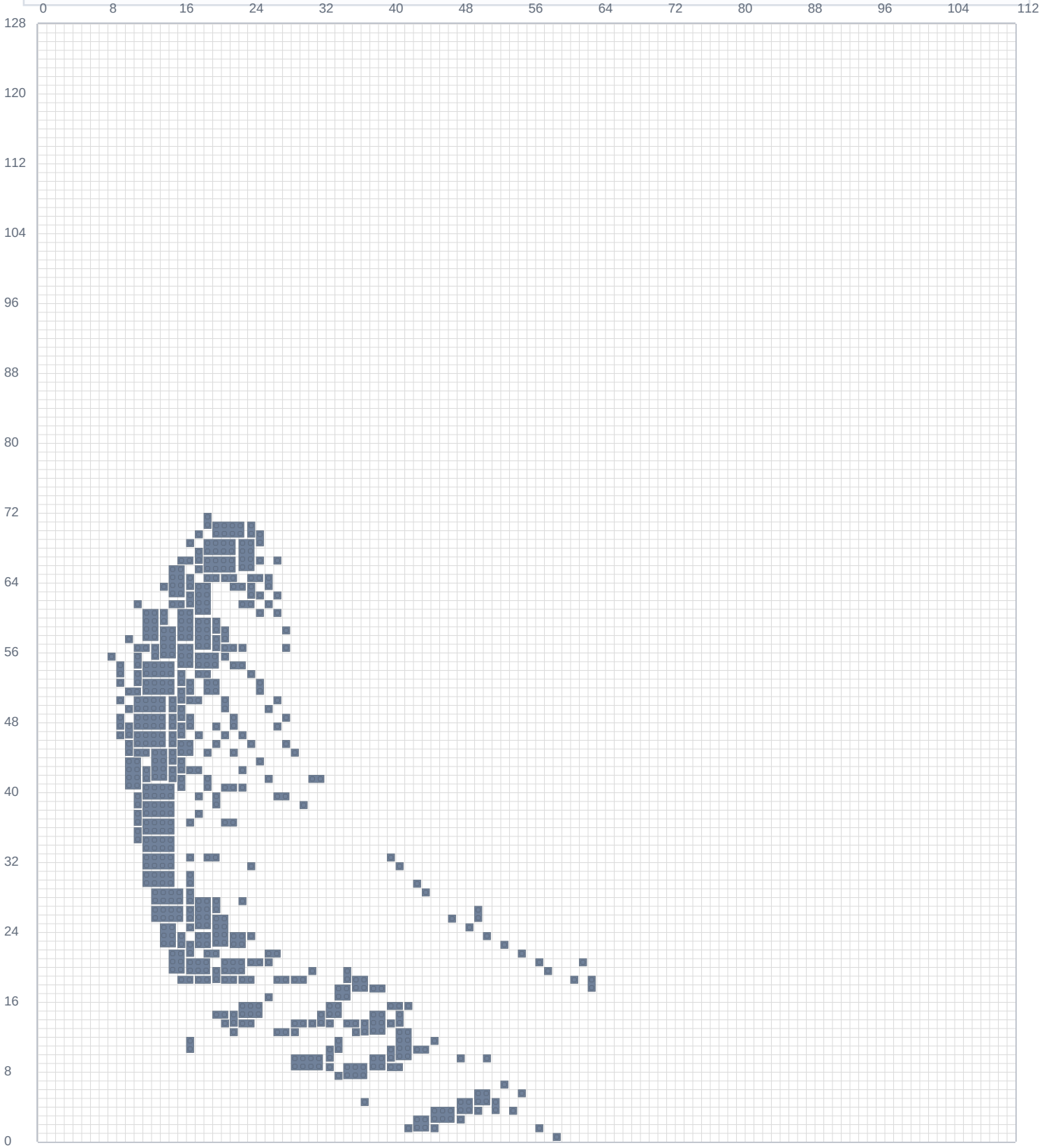


Layer 11 — Step 2 of 20

Color: Sand_Blue

This step needs:

2×4: 29 2×2: 21 1×2: 98 1×1: 89



Layer 11 — Step 3 of 20

Color: White

This step needs:

2×4: 12 2×2: 19 1×2: 97 1×1: 80

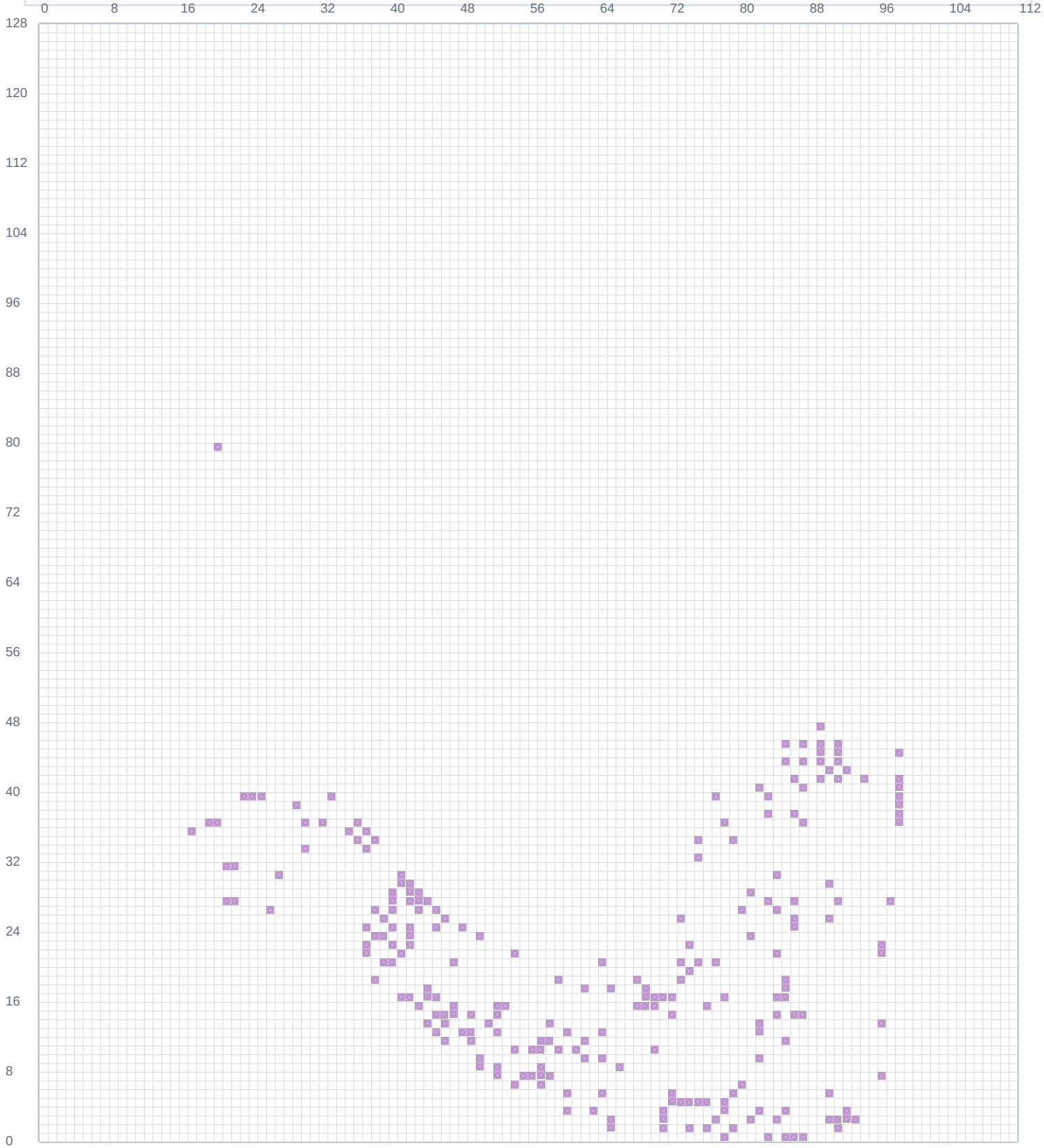


Layer 11 — Step 4 of 20

Color: Lavender

This step needs:

1×2: 47 1×1: 140

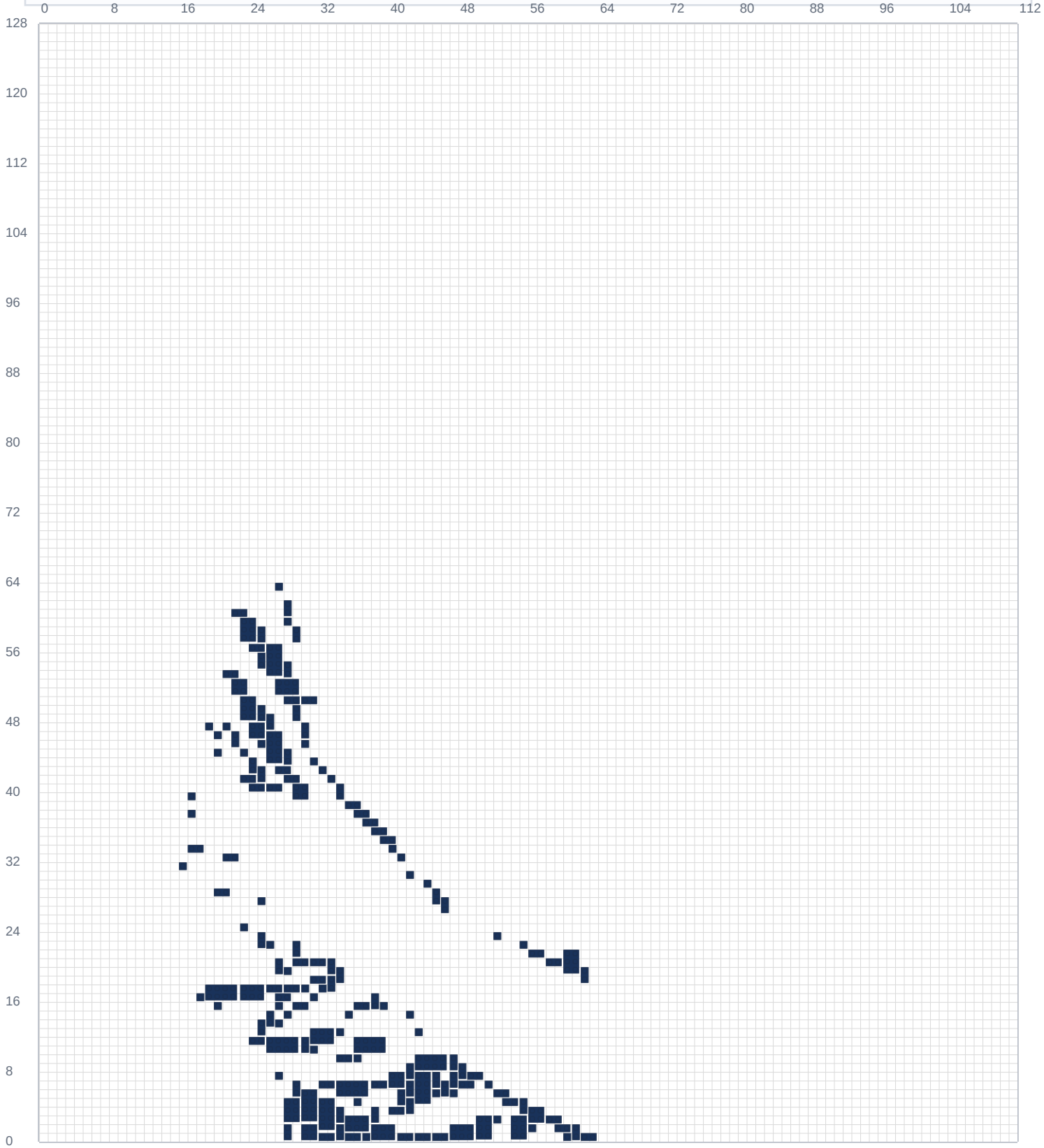


Layer 11 — Step 5 of 20

Color: Dark_Blue

This step needs:

2×4: 10 · 2×2: 18 · 1×2: 88 · 1×1: 49

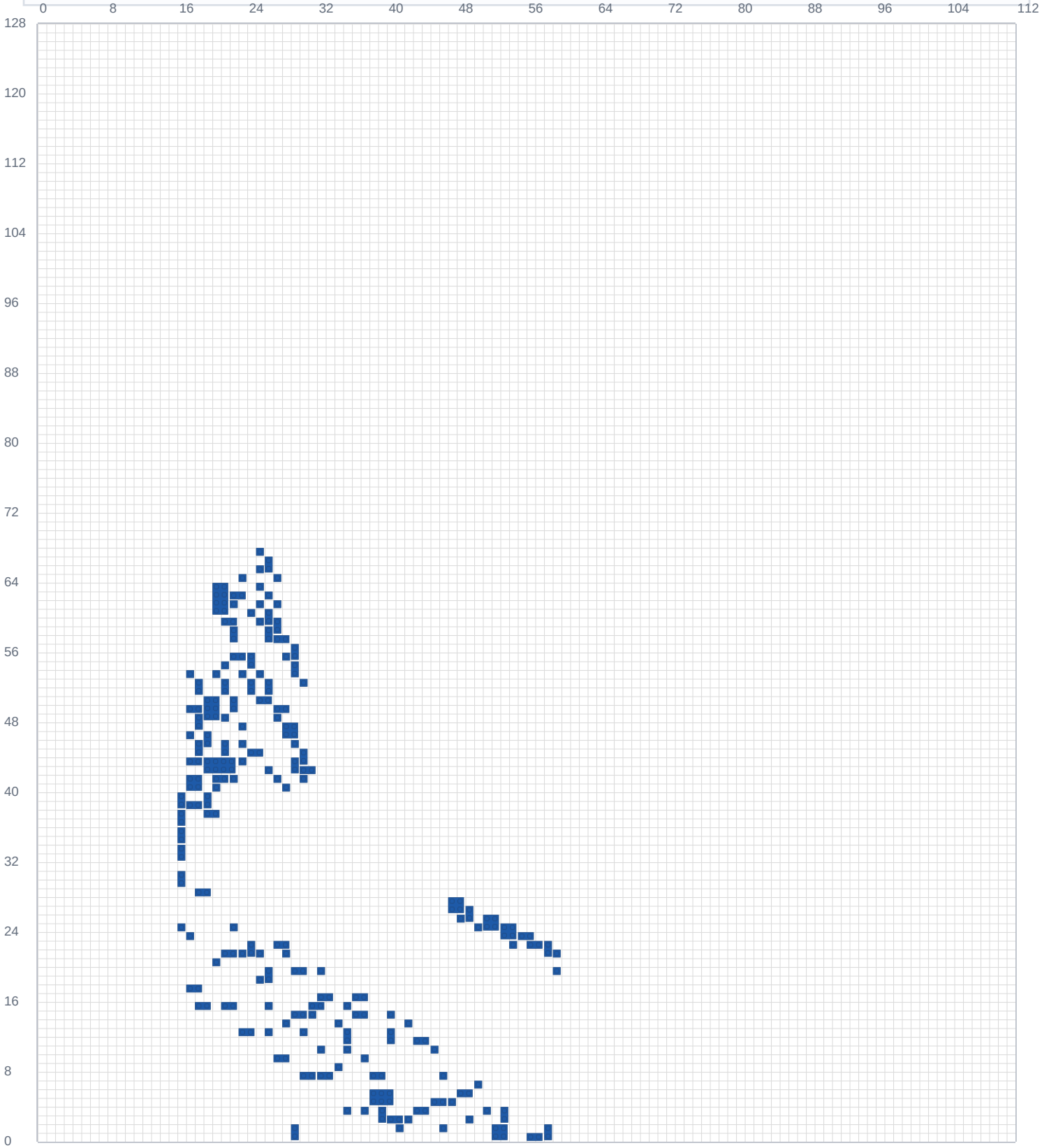


Layer 11 — Step 6 of 20

Color: Blue

This step needs:

2×4: 2 · 2×2: 8 · 1×2: 73 · 1×1: 69

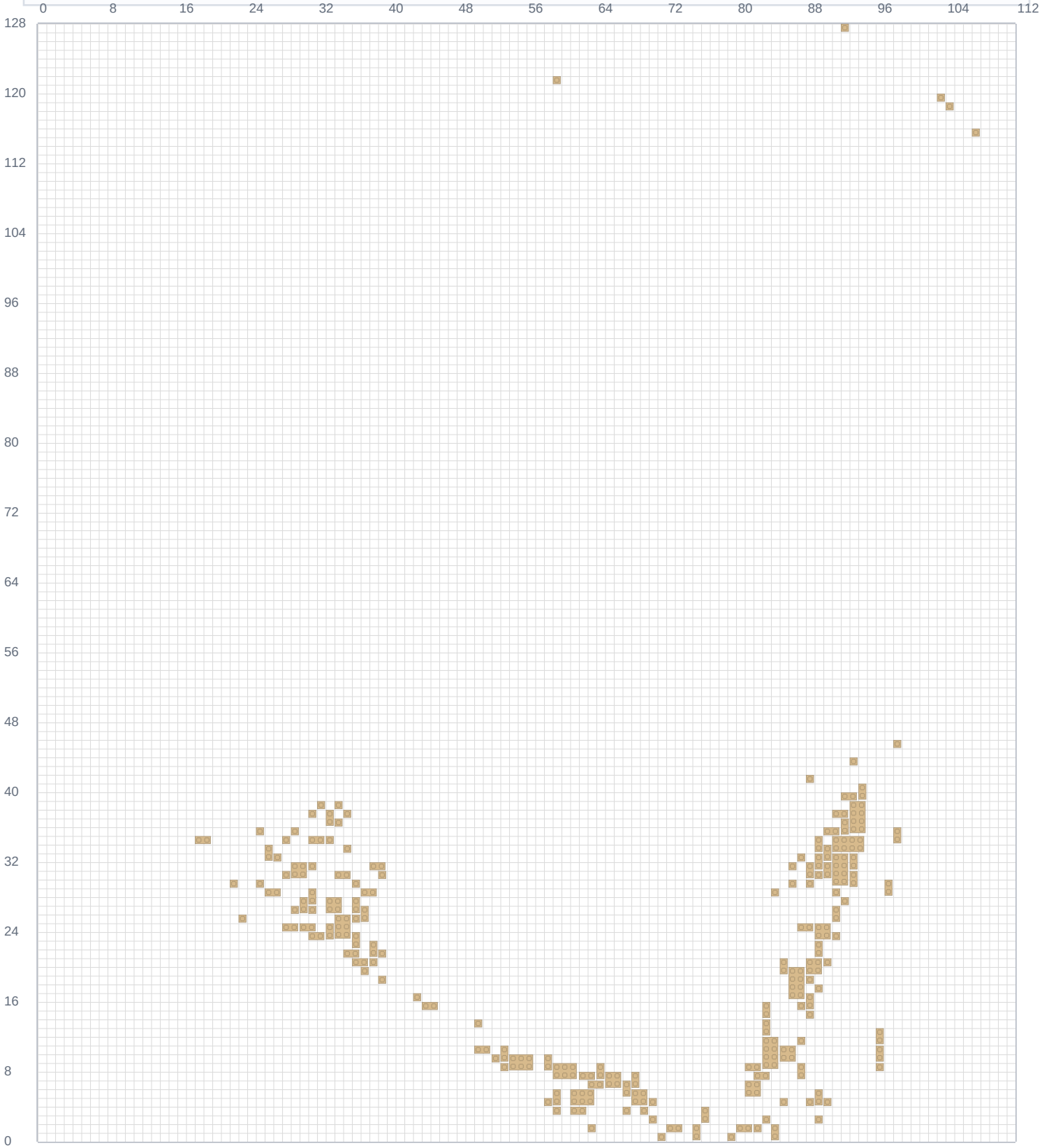


Layer 11 — Step 7 of 20

Color: Tan

This step needs:

2×4: 5 · 2×2: 12 · 1×2: 63 · 1×1: 68

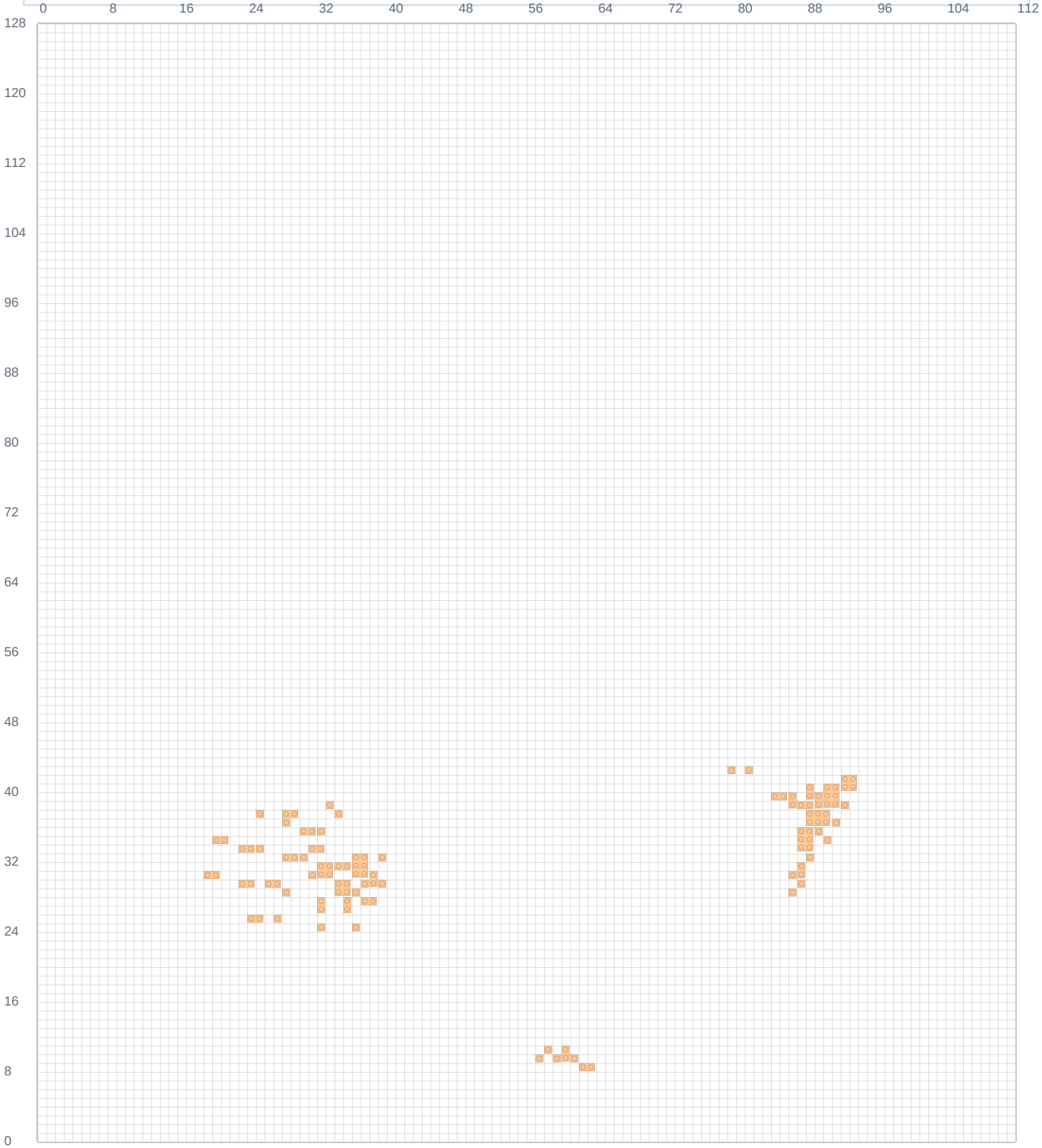


Layer 11 — Step 8 of 20

Color: Light_Nougat

This step needs:

2×2: 7 1×2: 23 1×1: 30

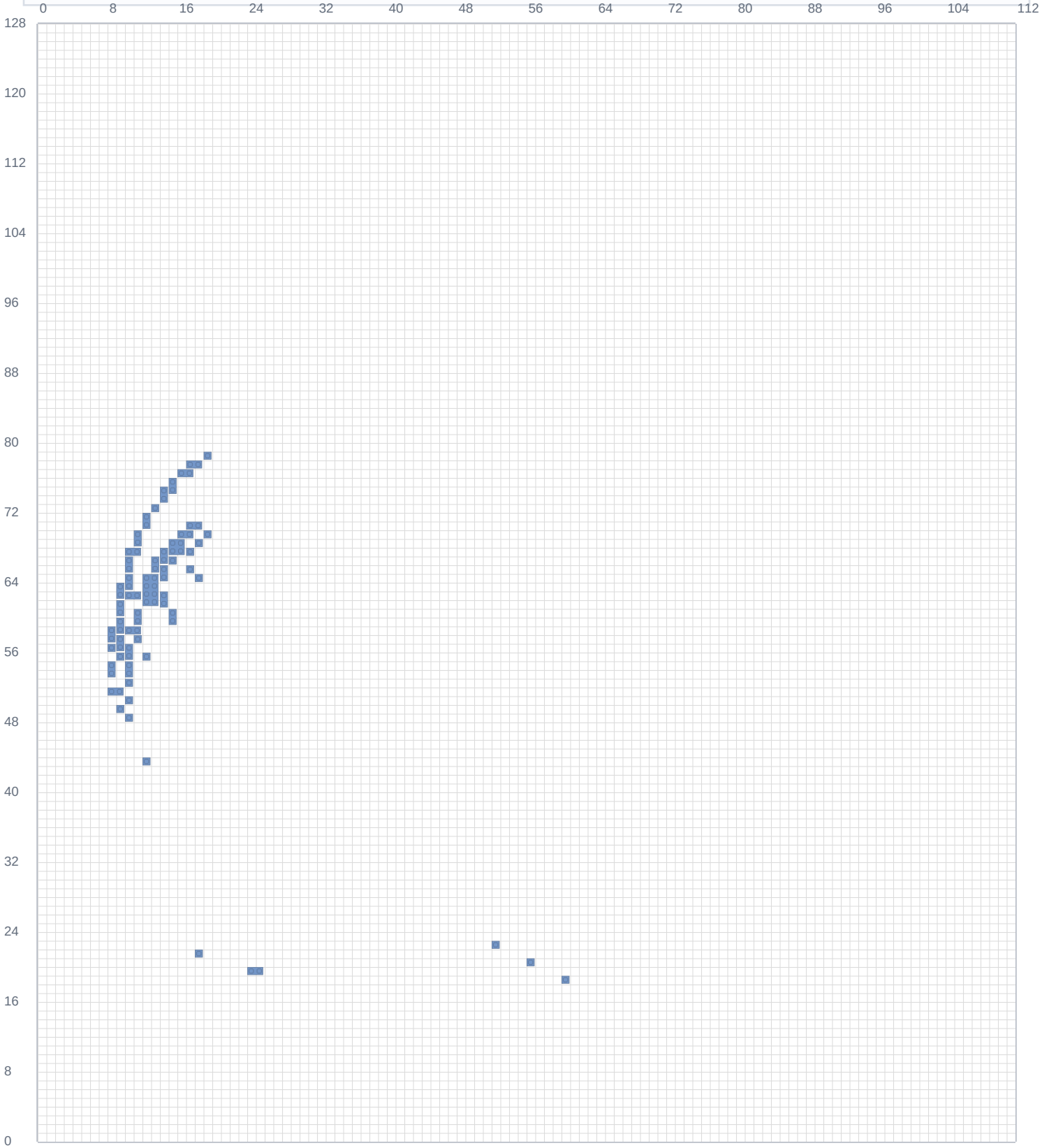


Layer 11 — Step 9 of 20

Color: Medium_Blue

This step needs:

2×4: 1 2×2: 1 1×2: 29 1×1: 21

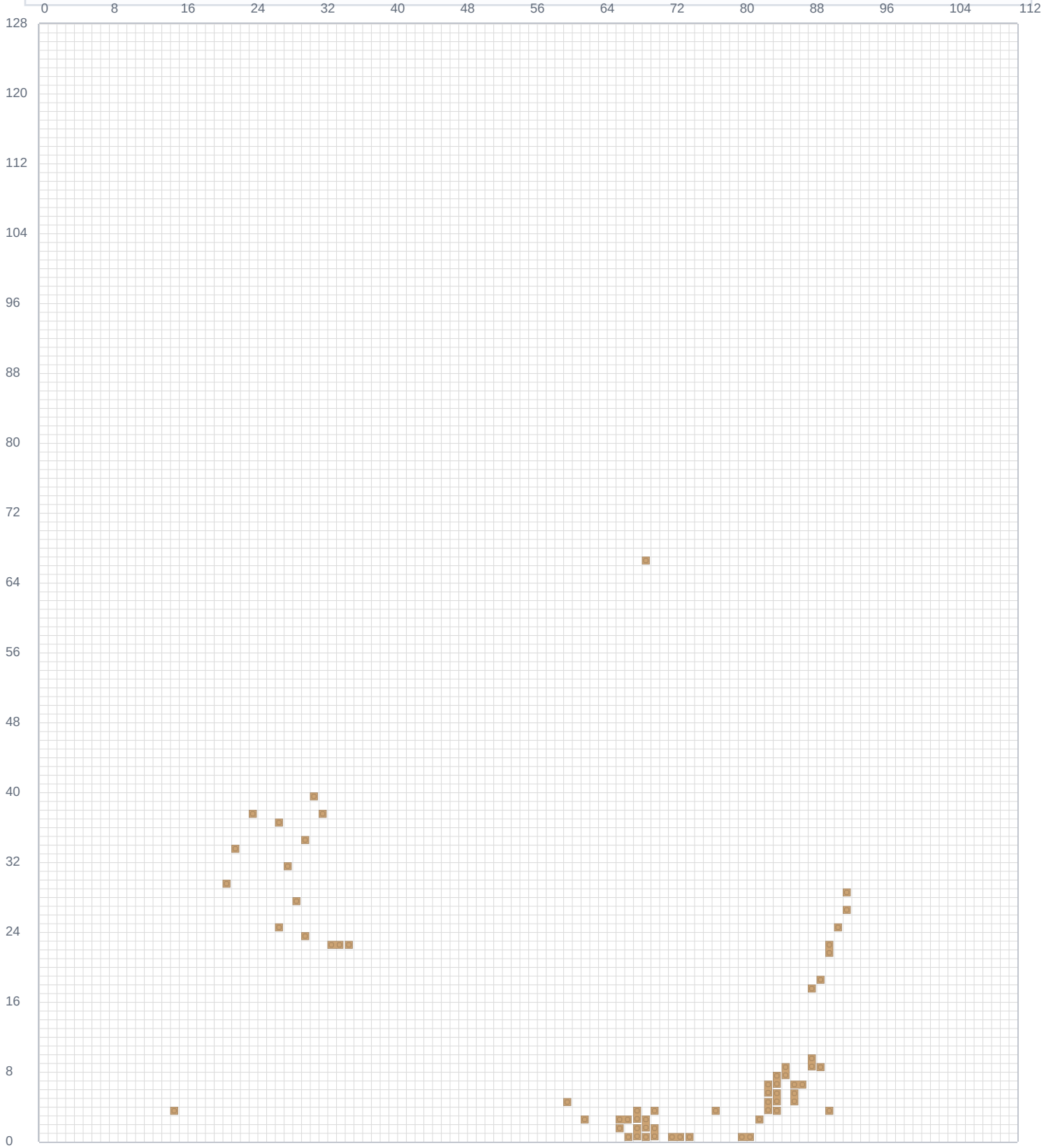


Layer 11 — Step 10 of 20

Color: Medium_Tan

This step needs:

1×2: 17 1×1: 31

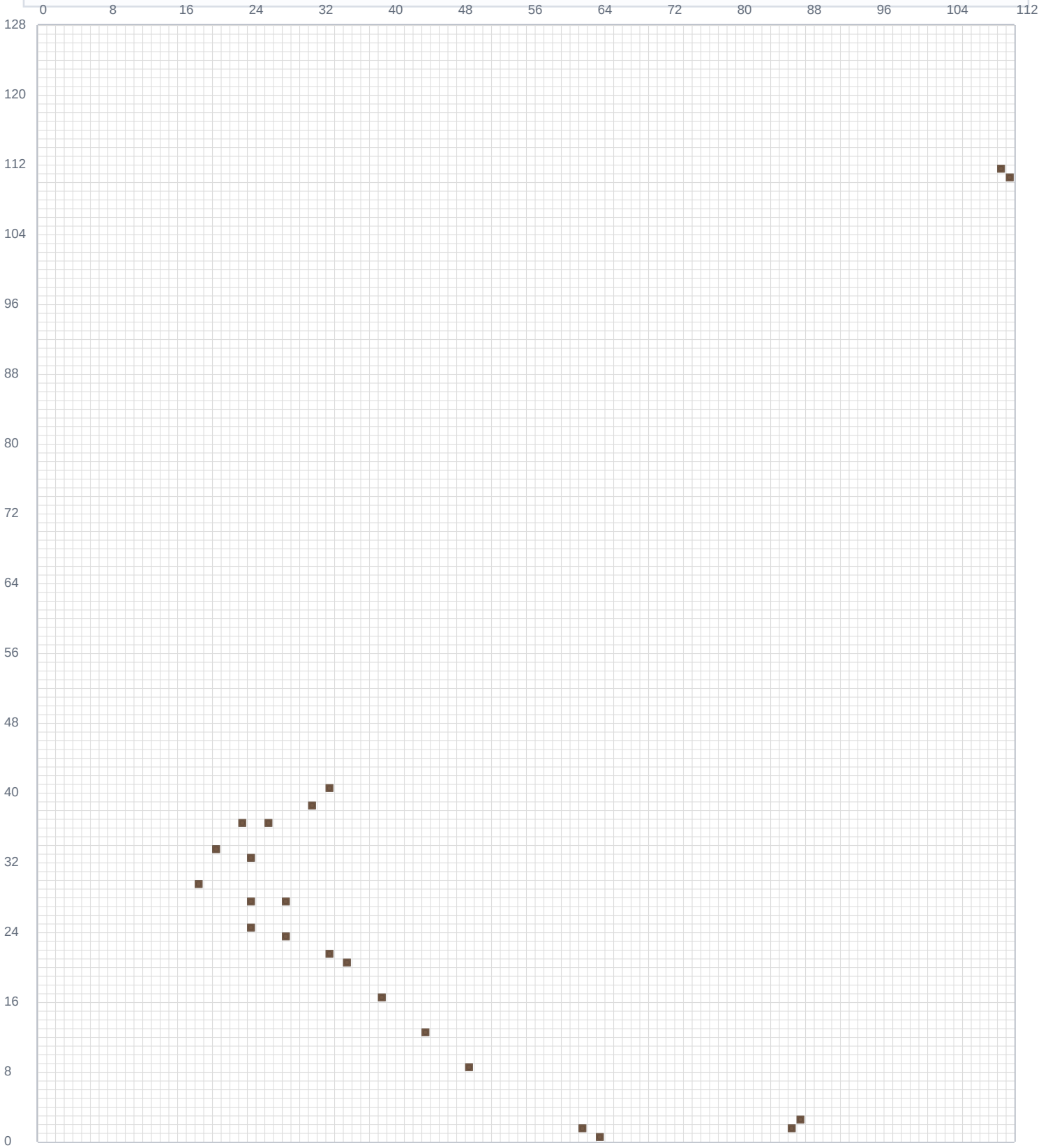


Layer 11 — Step 11 of 20

Color: Medium_Brown

This step needs:

- 1×1: 22

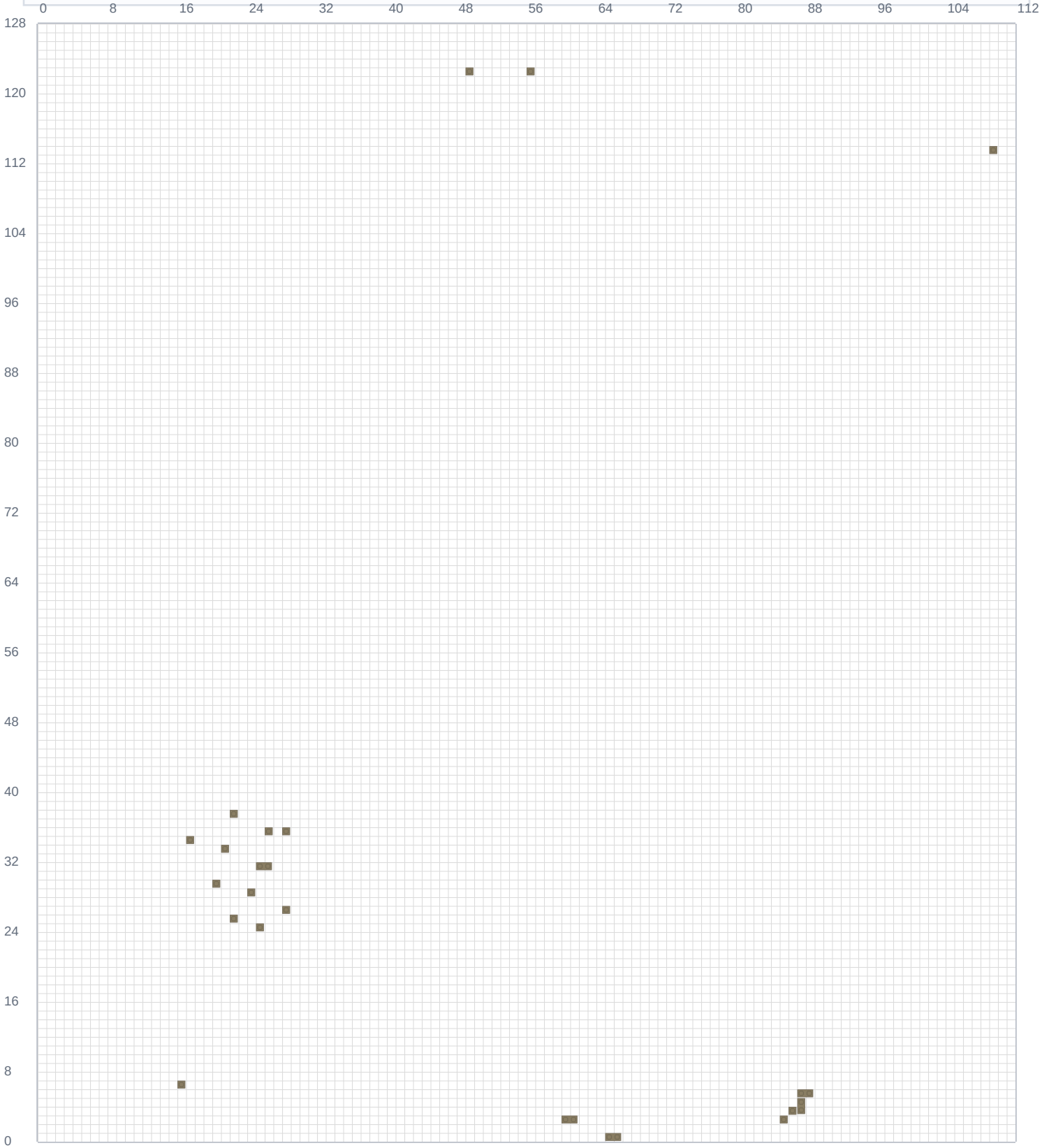


Layer 11 — Step 12 of 20

Color: Dark_Tan

This step needs:

1×2: 5 1×1: 16

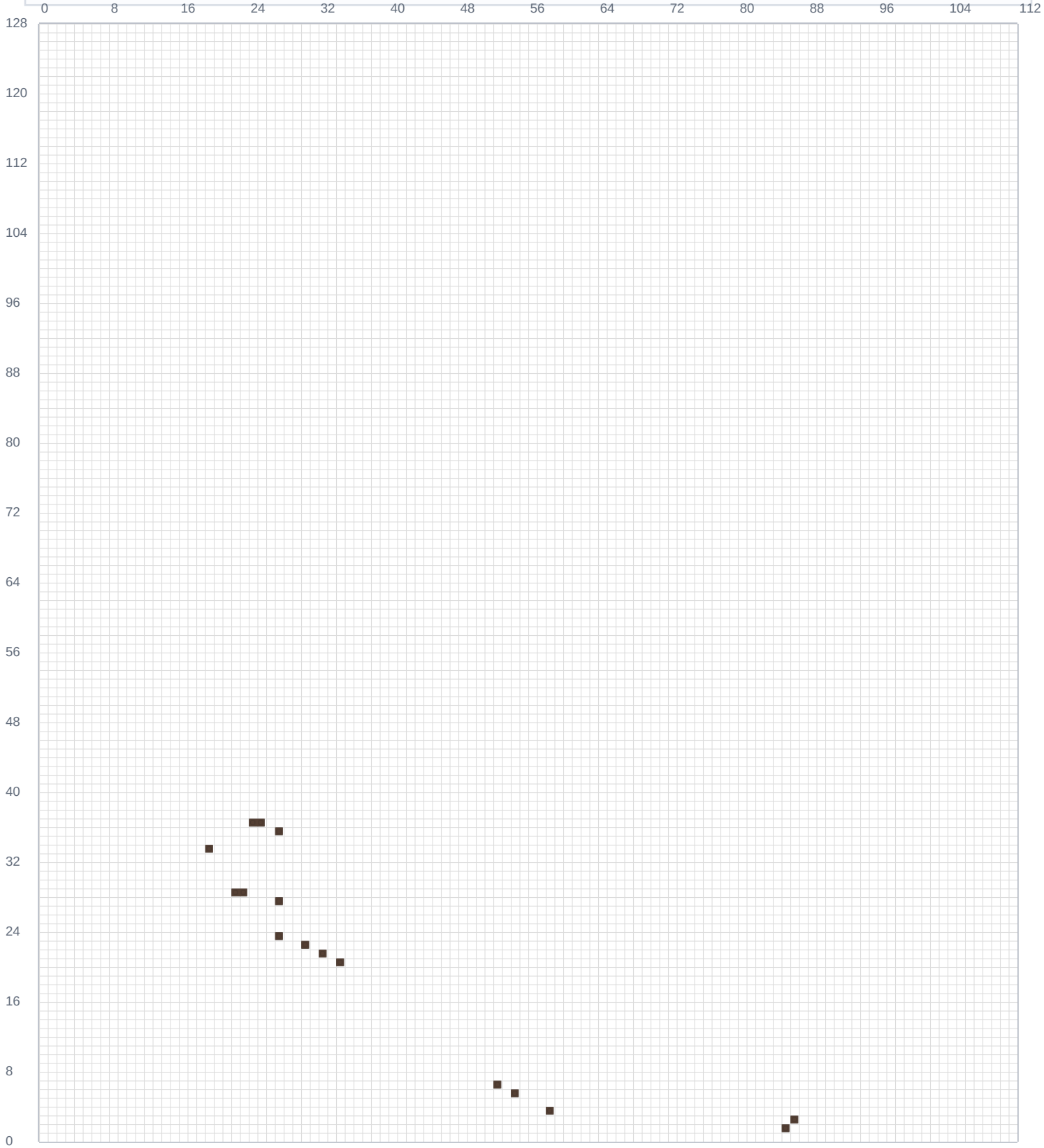


Layer 11 — Step 13 of 20

Color: Umber_Brown

This step needs:

1×2: 2 1×1: 12

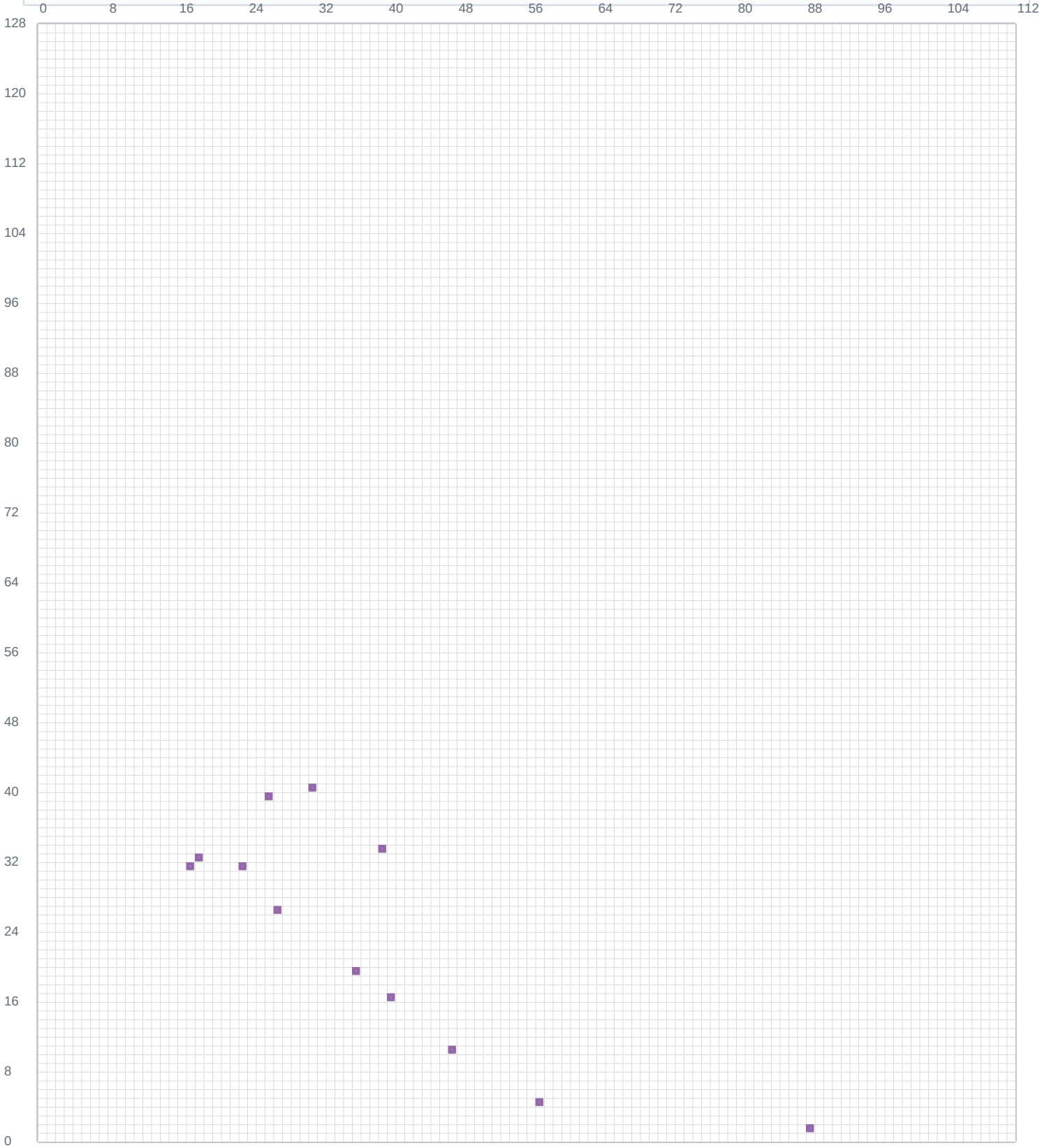


Layer 11 — Step 14 of 20

Color: Medium_Lavender

This step needs:

- 1×1: 12

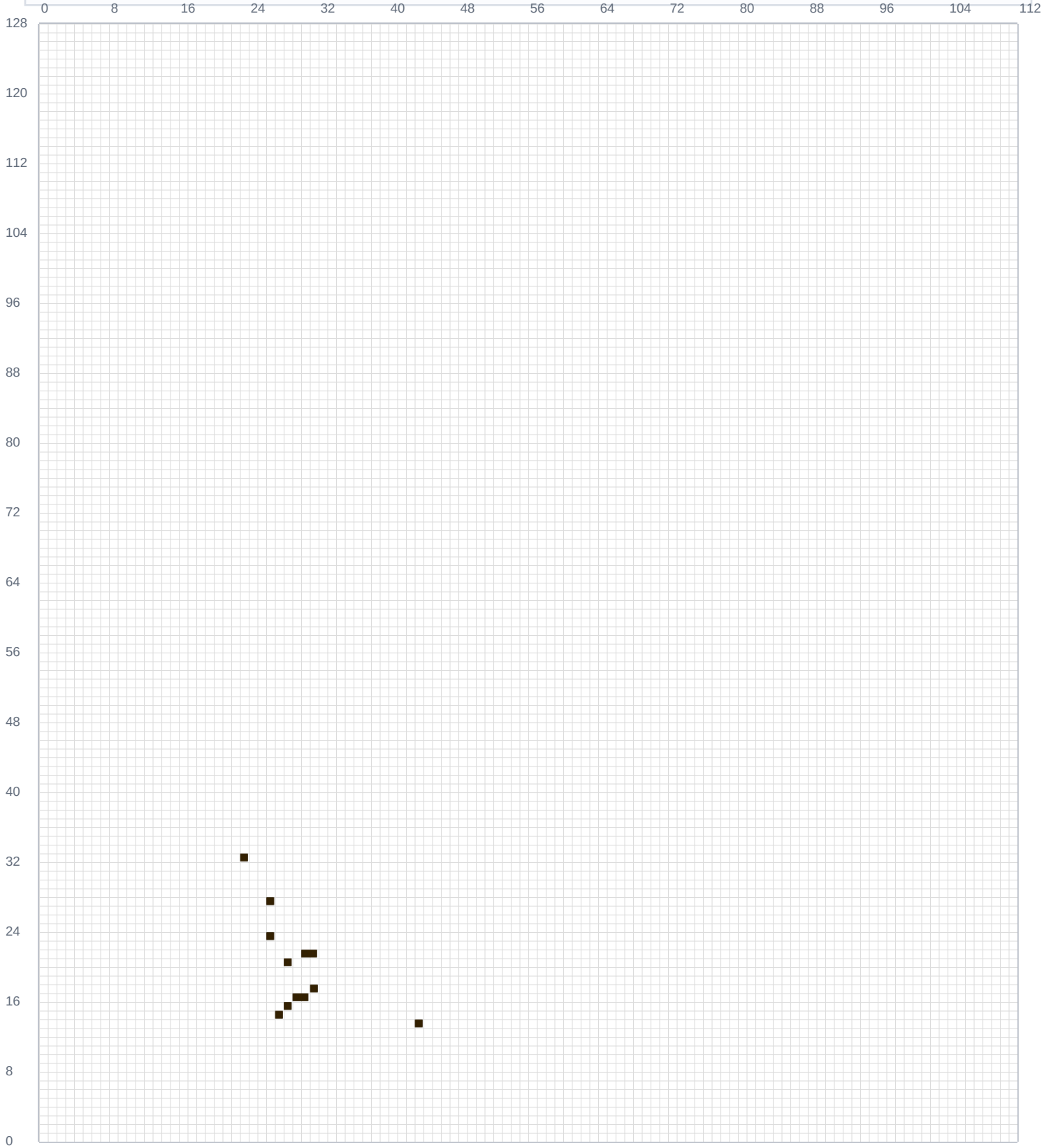


Layer 11 — Step 15 of 20

Color: Dark_Brown

This step needs:

1×2: 2 1×1: 8

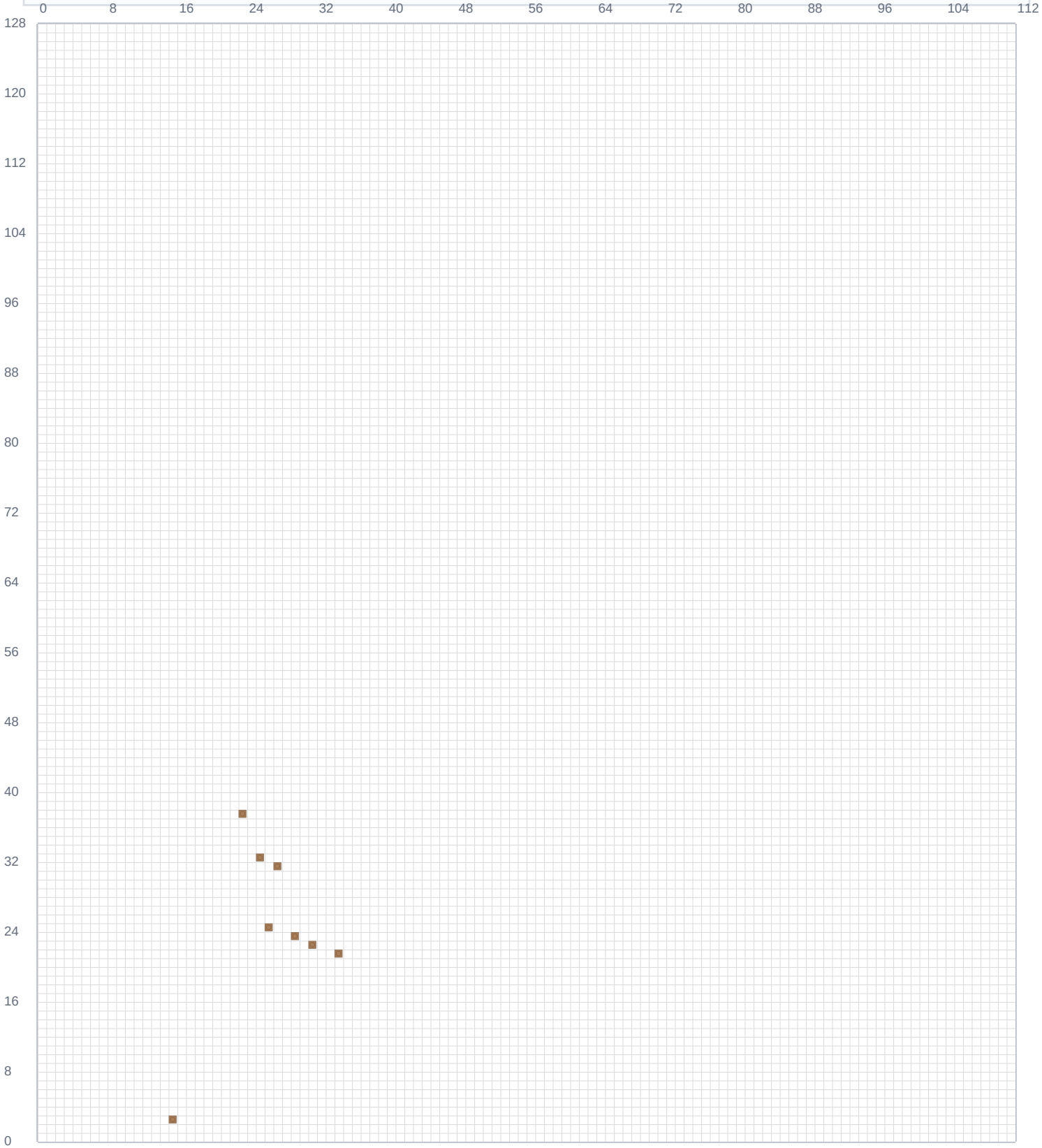


Layer 11 — Step 16 of 20

Color: Medium_Nougat

This step needs:

- 1×1: 8

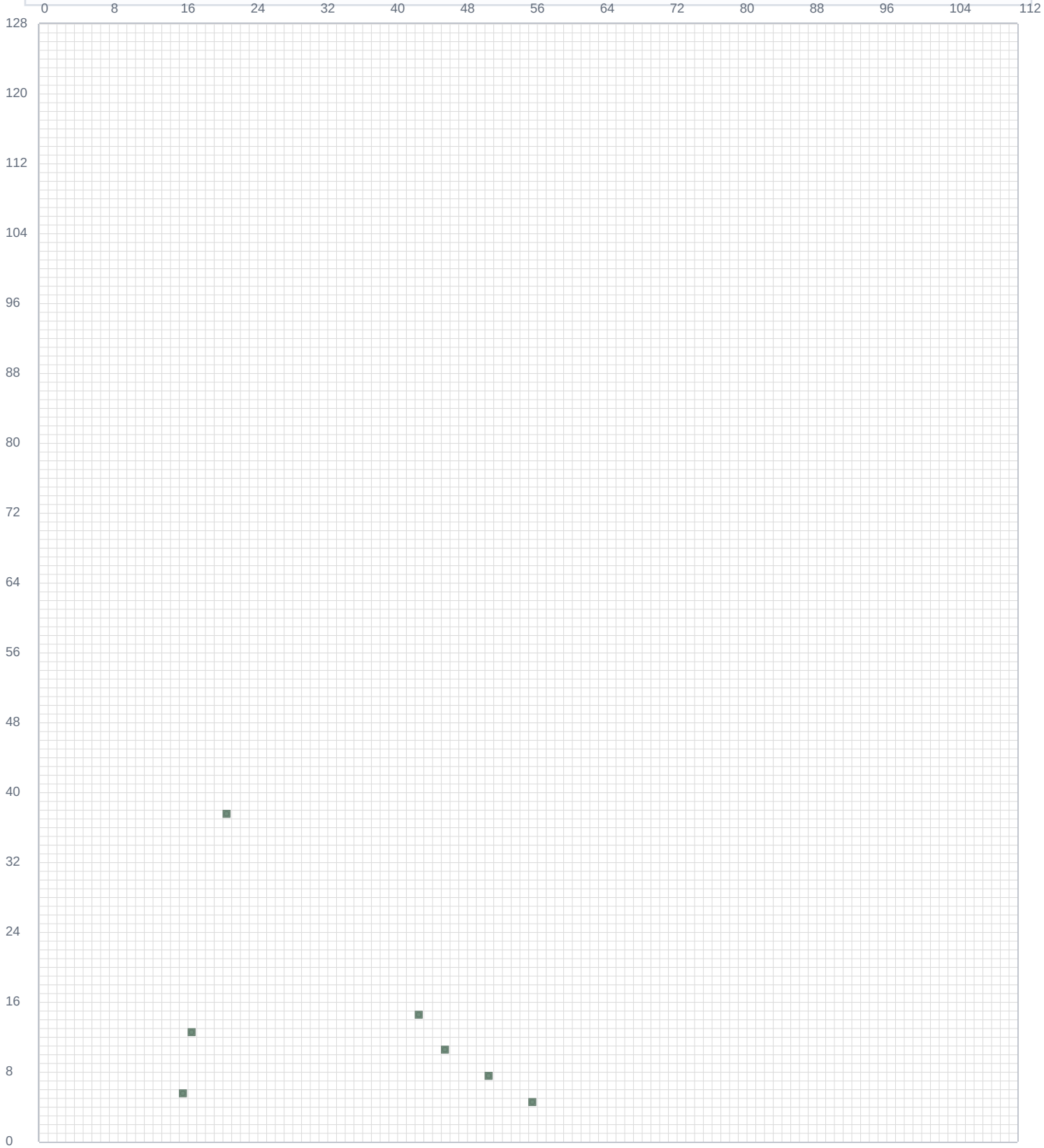


Layer 11 — Step 17 of 20

Color: Sand_Green

This step needs:

- 1×1: 7

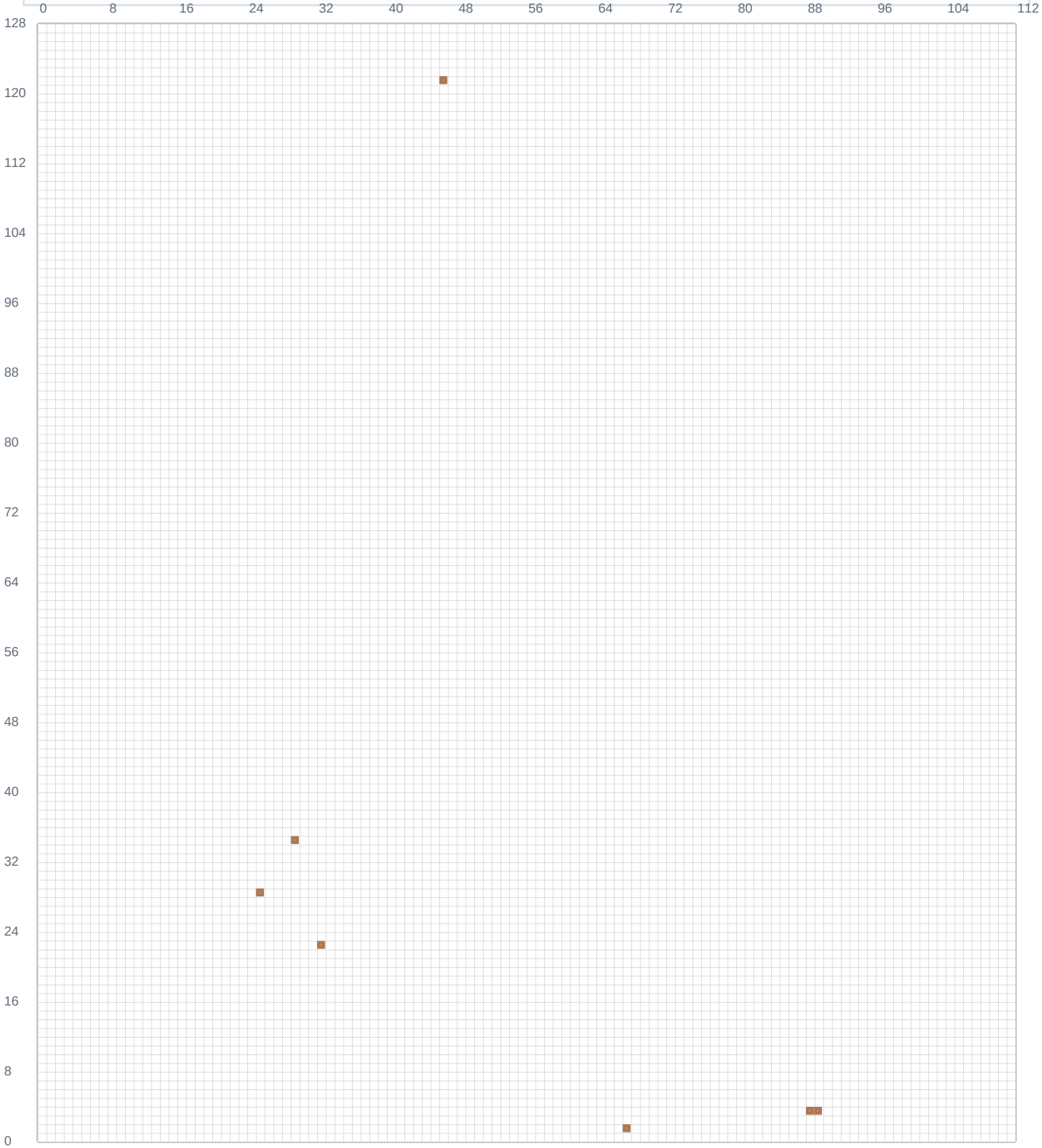


Layer 11 — Step 18 of 20

Color: Nougat

This step needs:

1×2: 1 1×1: 5

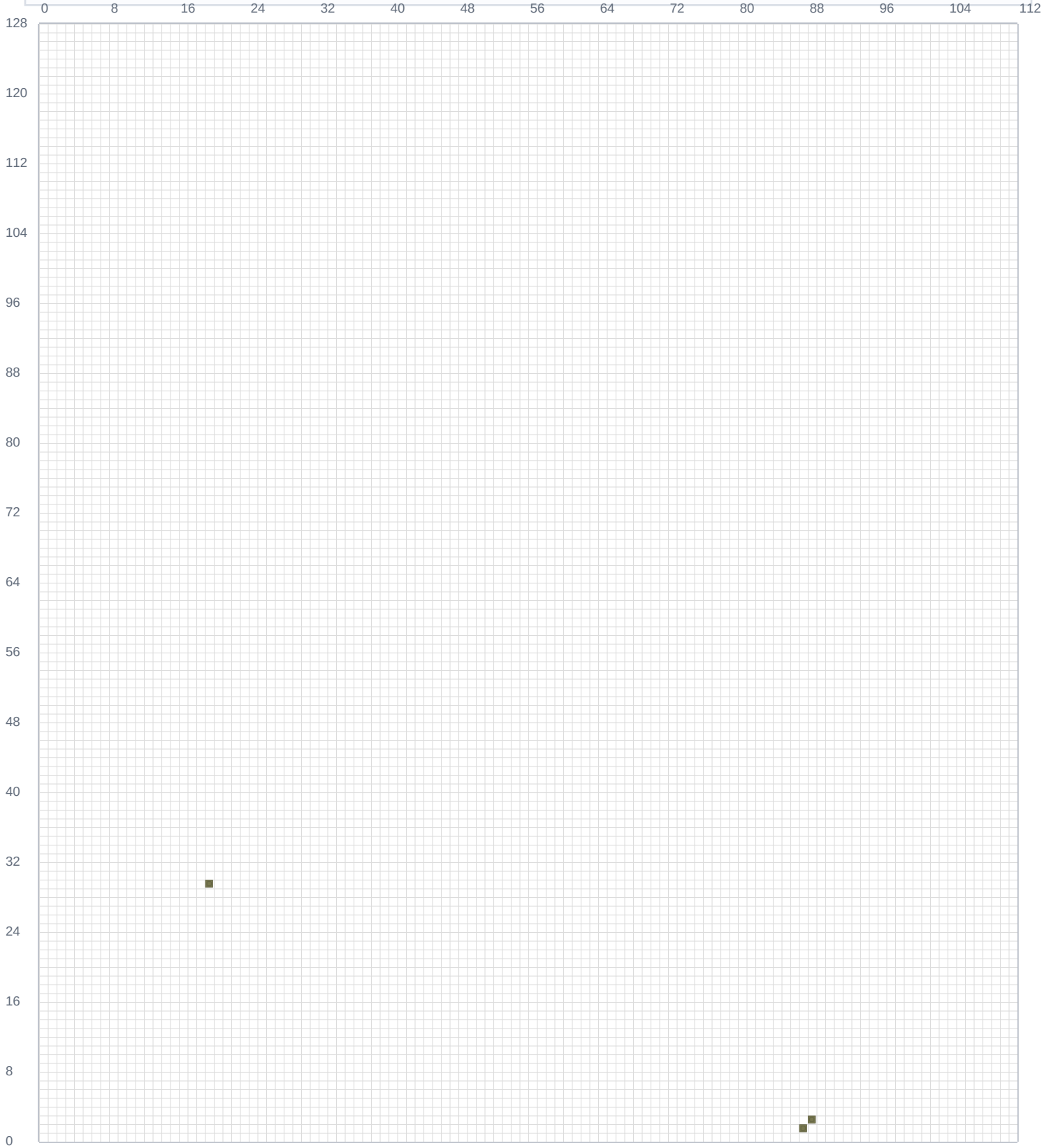


Layer 11 — Step 19 of 20

Color: Olive_Green

This step needs:

- 1×1: 3

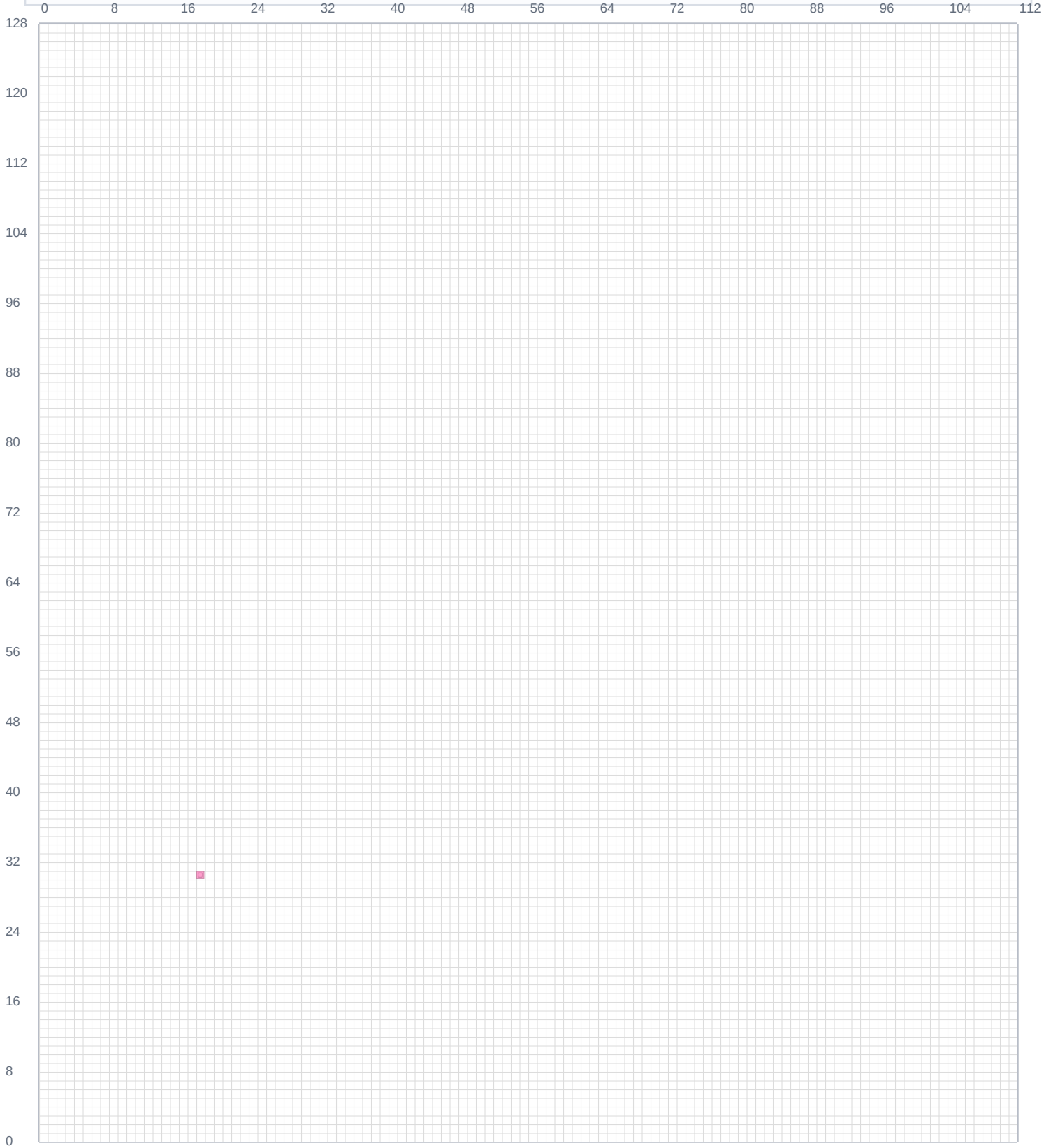


Layer 11 — Step 20 of 20

Color: Bright_Pink

This step needs:

- 1×1: 1

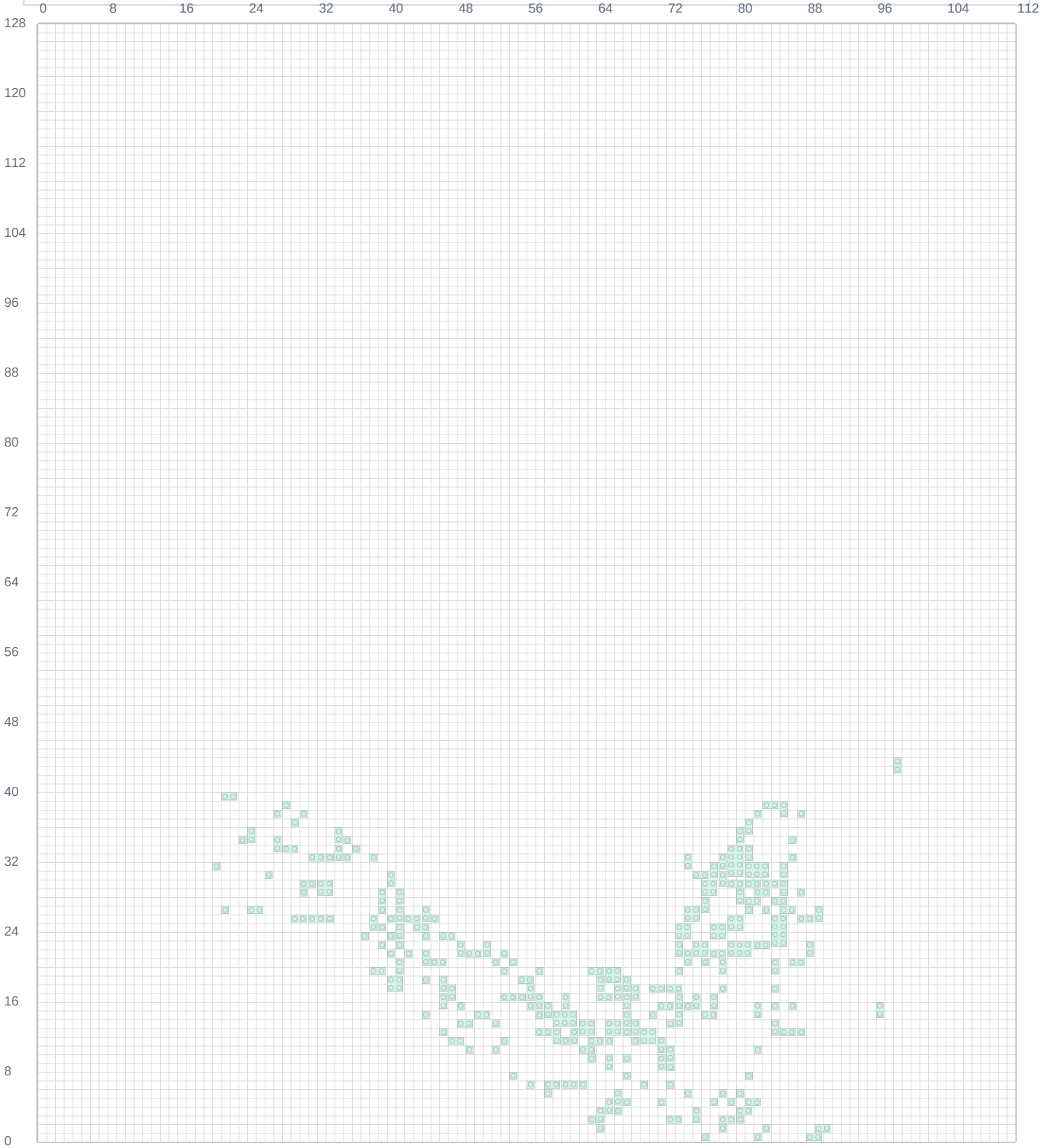


Layer 12 — Step 1 of 20

Color: Light_Aqua

This step needs:

2×4: 2 | 2×2: 15 | 1×2: 114 | 1×1: 90

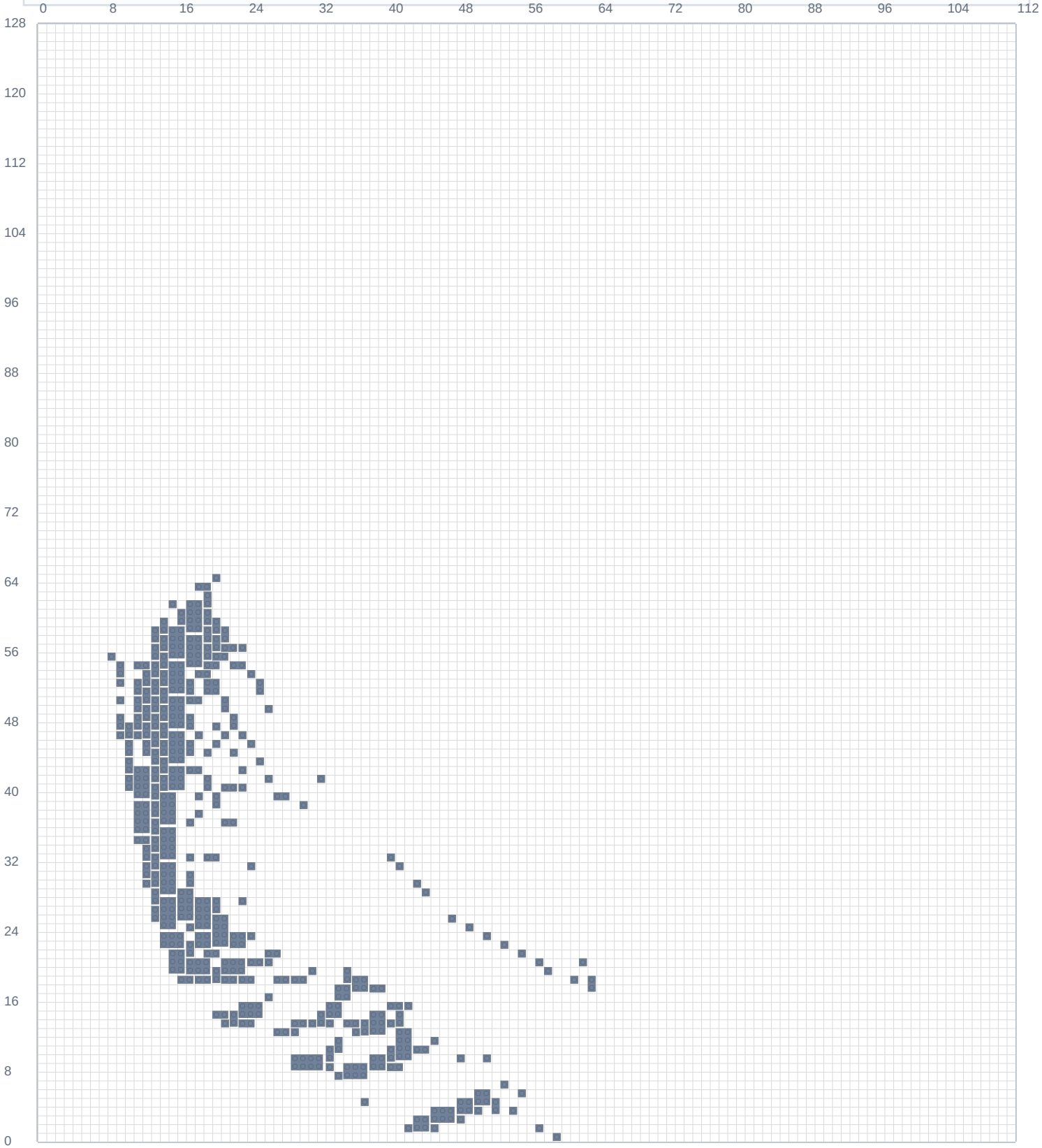


Layer 12 — Step 2 of 20

Color: Sand_Blue

This step needs:

2×4: 17 2×2: 19 1×2: 105 1×1: 71



Layer 12 — Step 3 of 20

Color: White

This step needs:

2×4: 12 2×2: 17 1×2: 91 1×1: 71

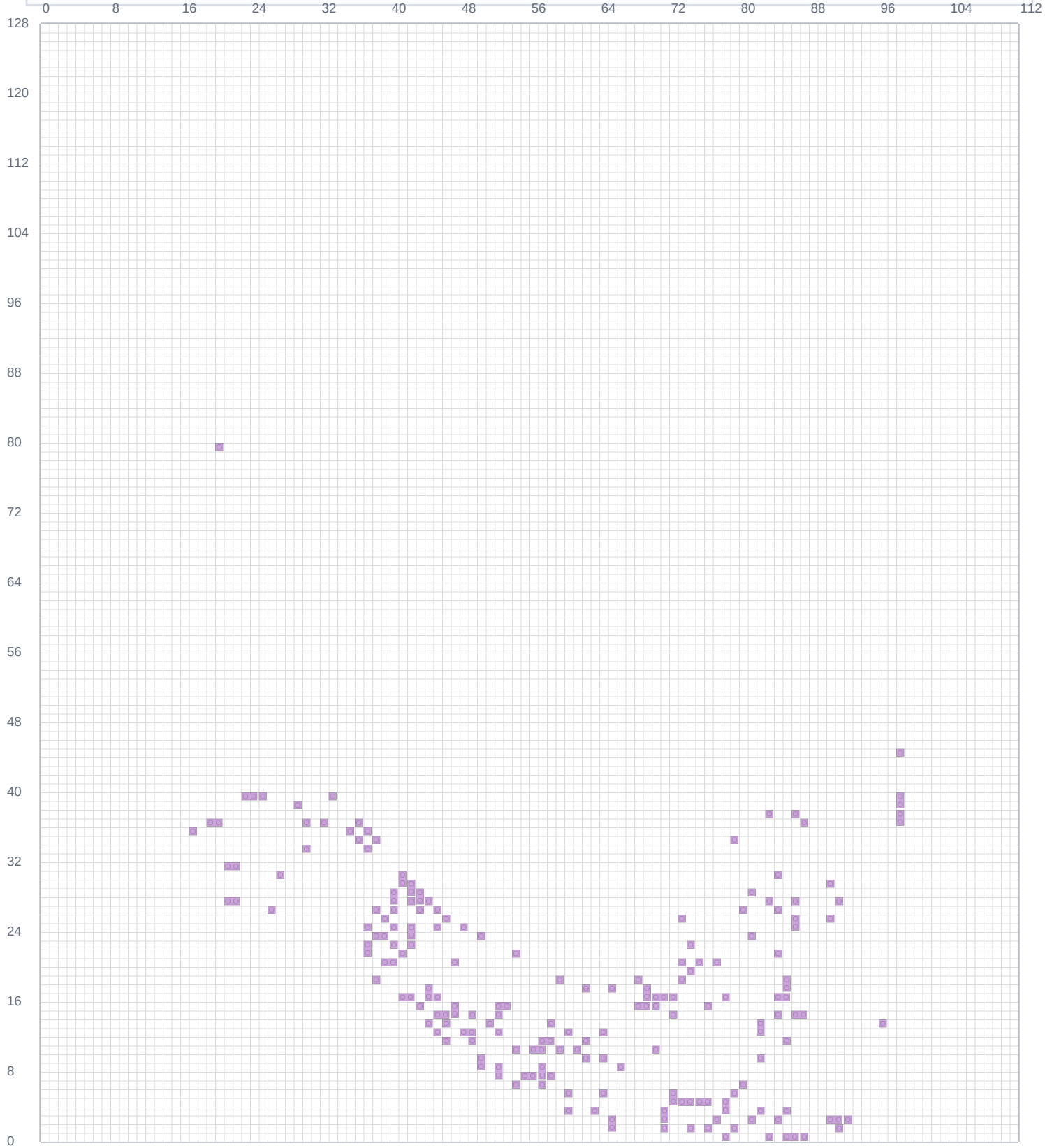


Layer 12 — Step 4 of 20

Color: Lavender

This step needs:

1×2: 42 1×1: 116

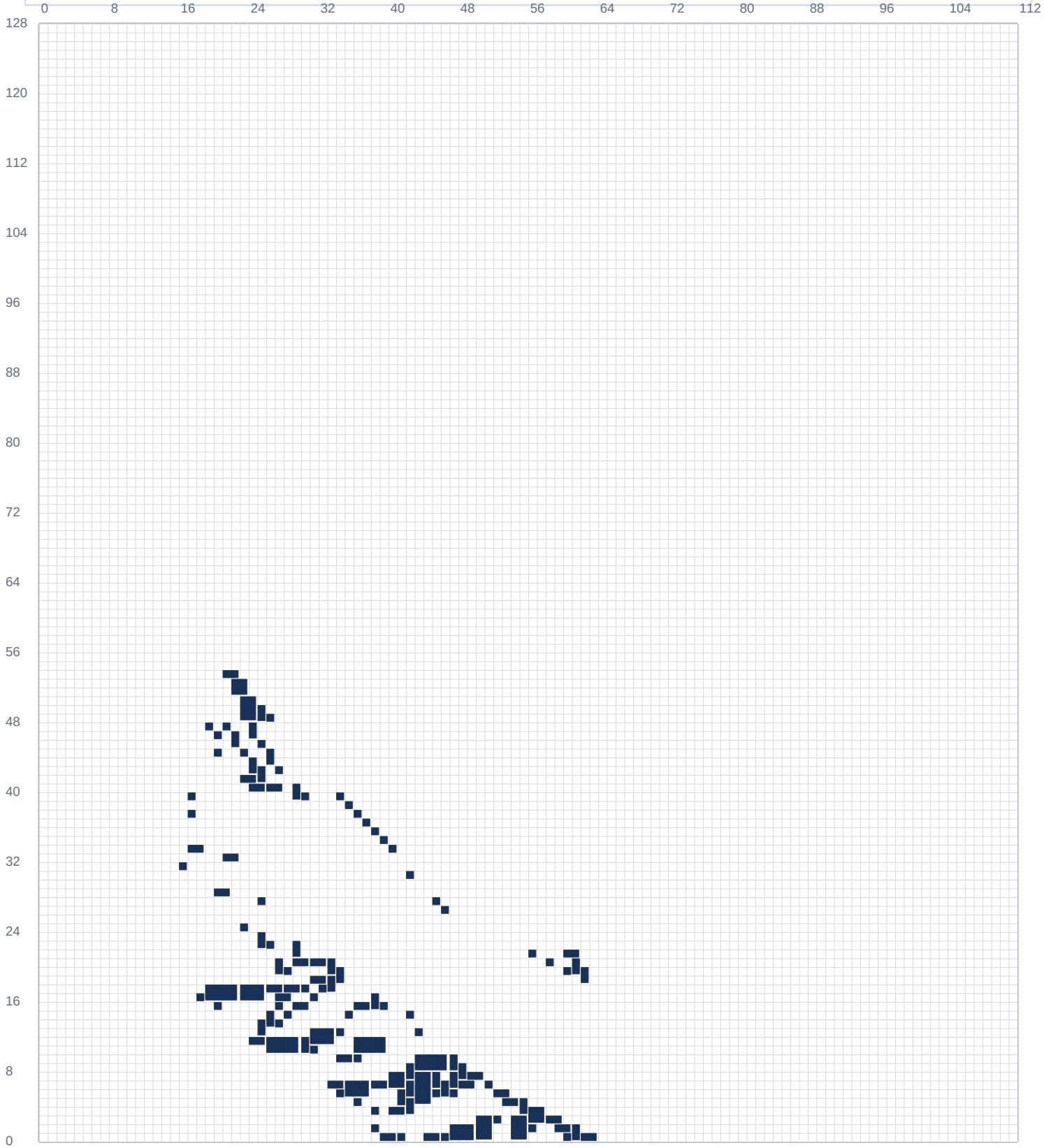


Layer 12 — Step 5 of 20

Color: Dark_Blue

This step needs:

2×4: 5 · 2×2: 10 · 1×2: 60 · 1×1: 56

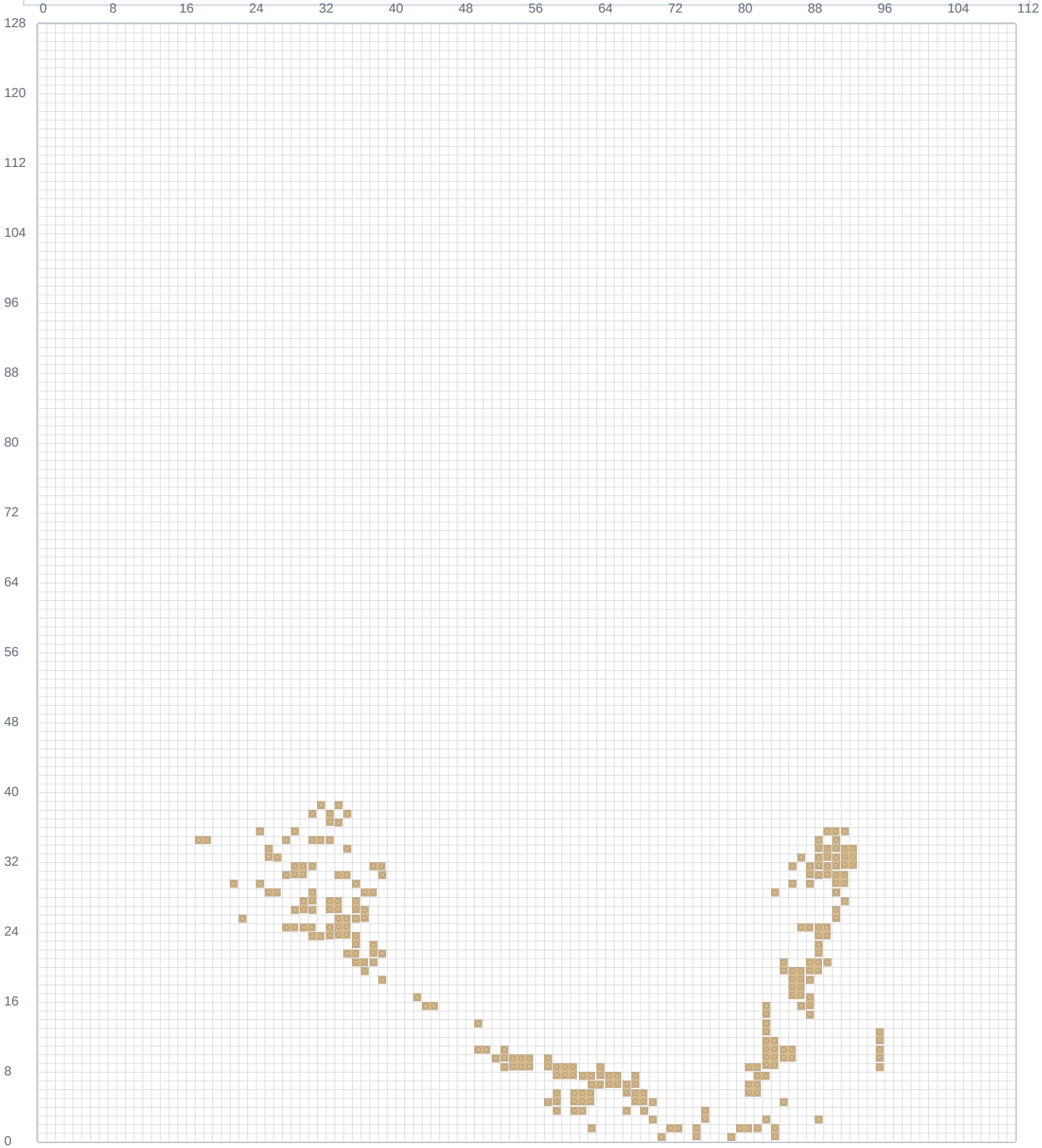


Layer 12 — Step 6 of 20

Color: Tan

This step needs:

2×4: 2 · 2×2: 14 · 1×2: 55 · 1×1: 56

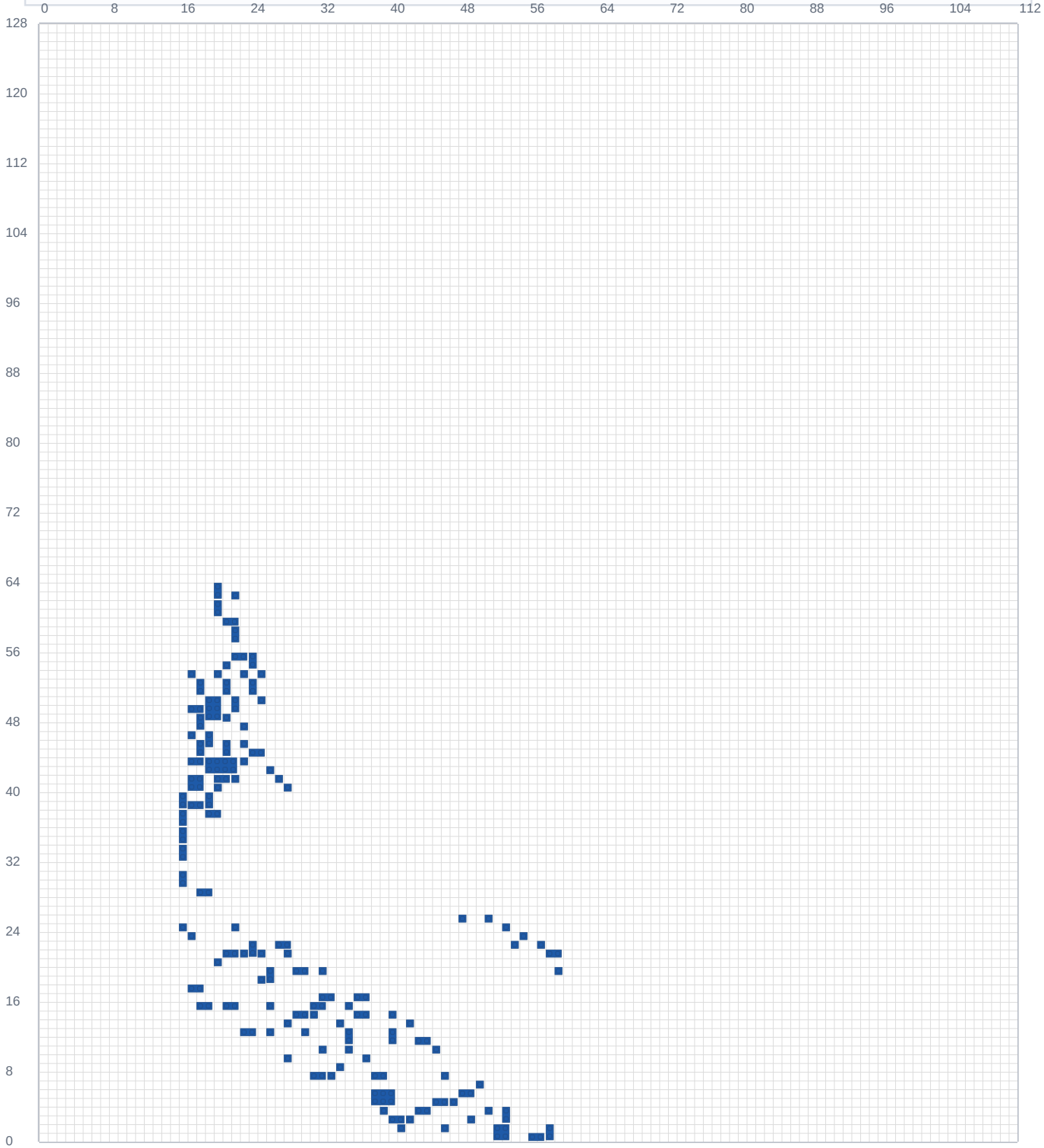


Layer 12 — Step 7 of 20

Color: Blue

This step needs:

2×4: 1 · 2×2: 4 · 1×2: 54 · 1×1: 58

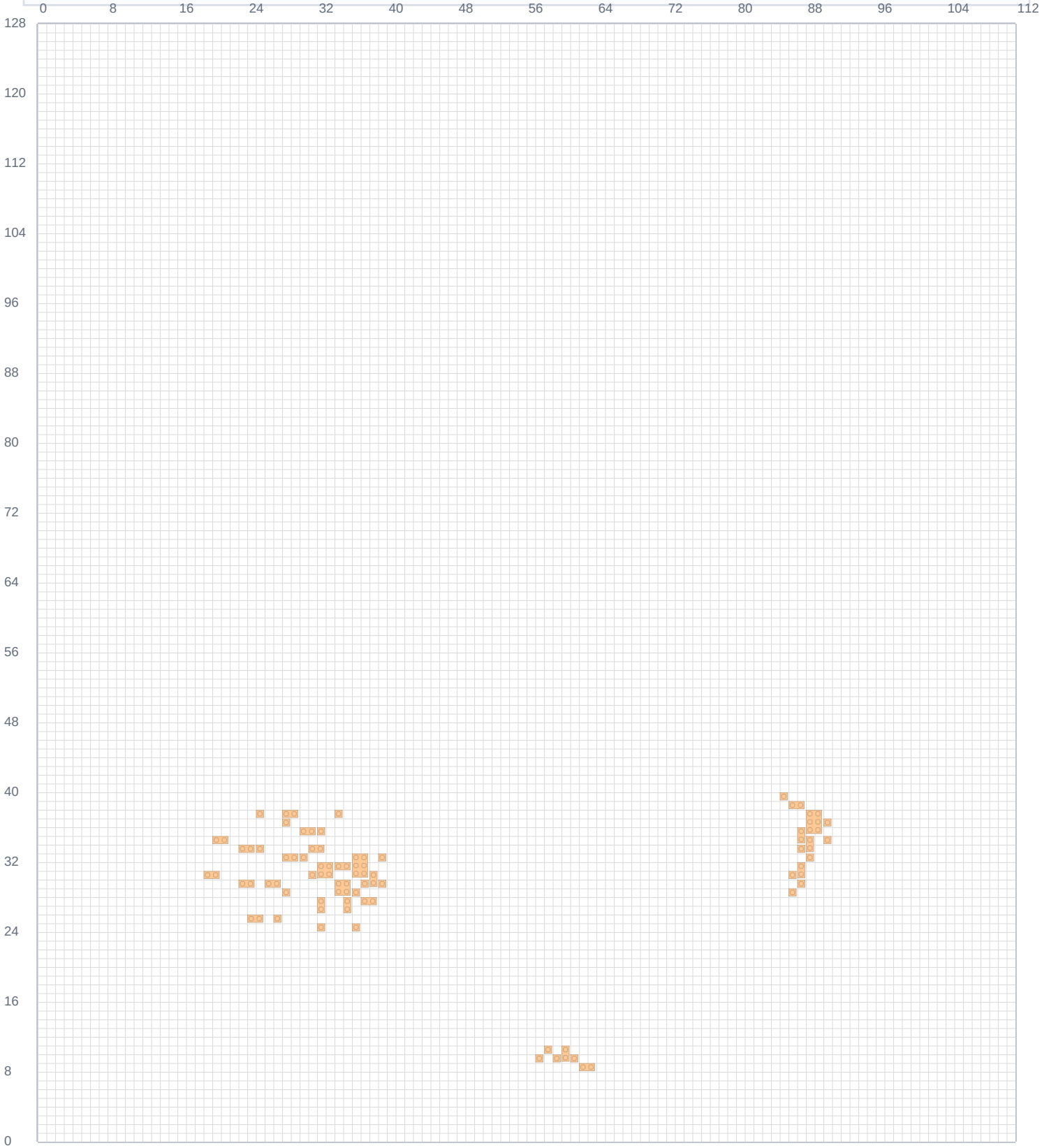


Layer 12 — Step 8 of 20

Color: Light_Nougat

This step needs:

2×2: 4 1×2: 21 1×1: 27

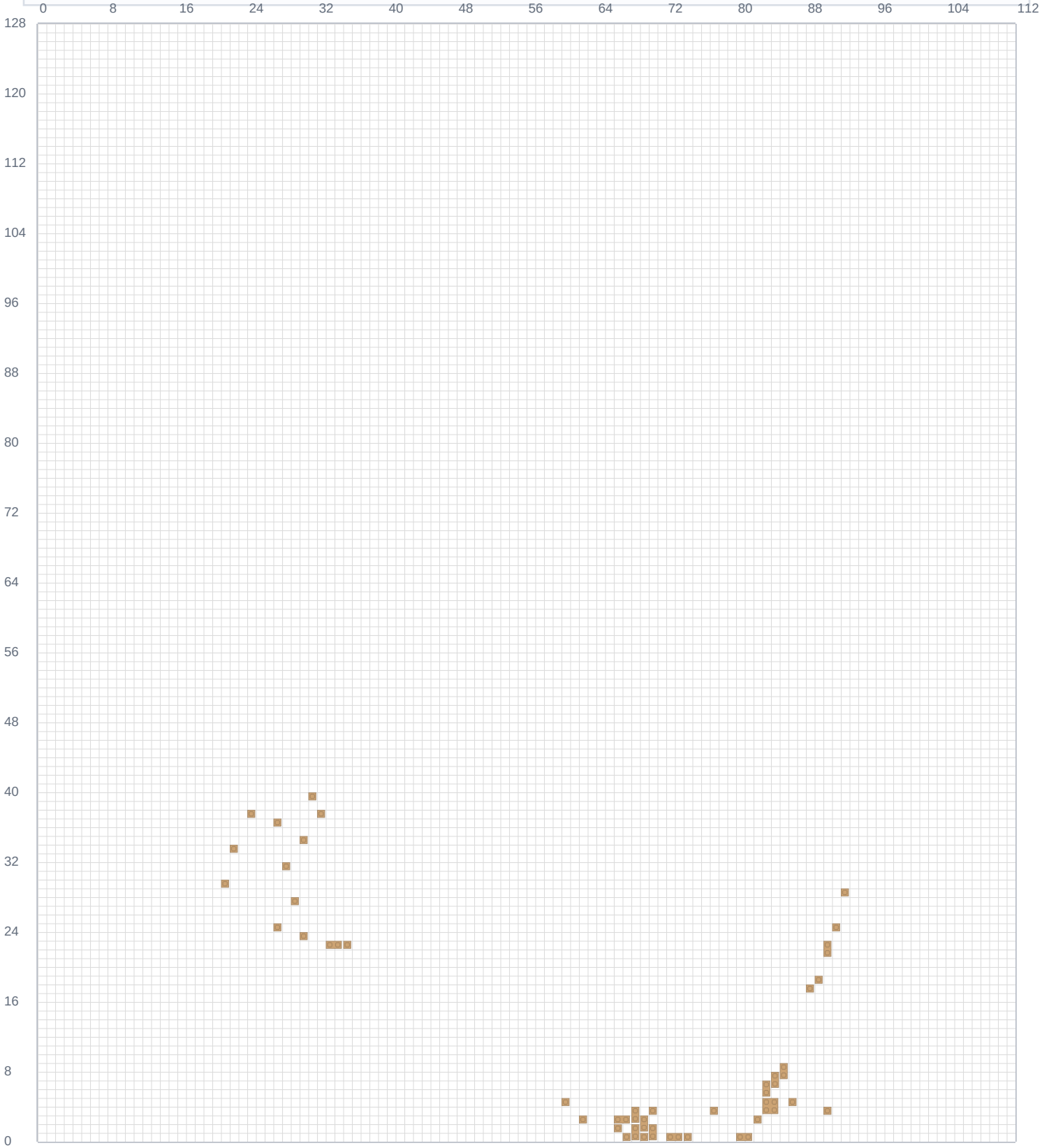


Layer 12 — Step 9 of 20

Color: Medium_Tan

This step needs:

2×2: 1 1×2: 12 1×1: 27

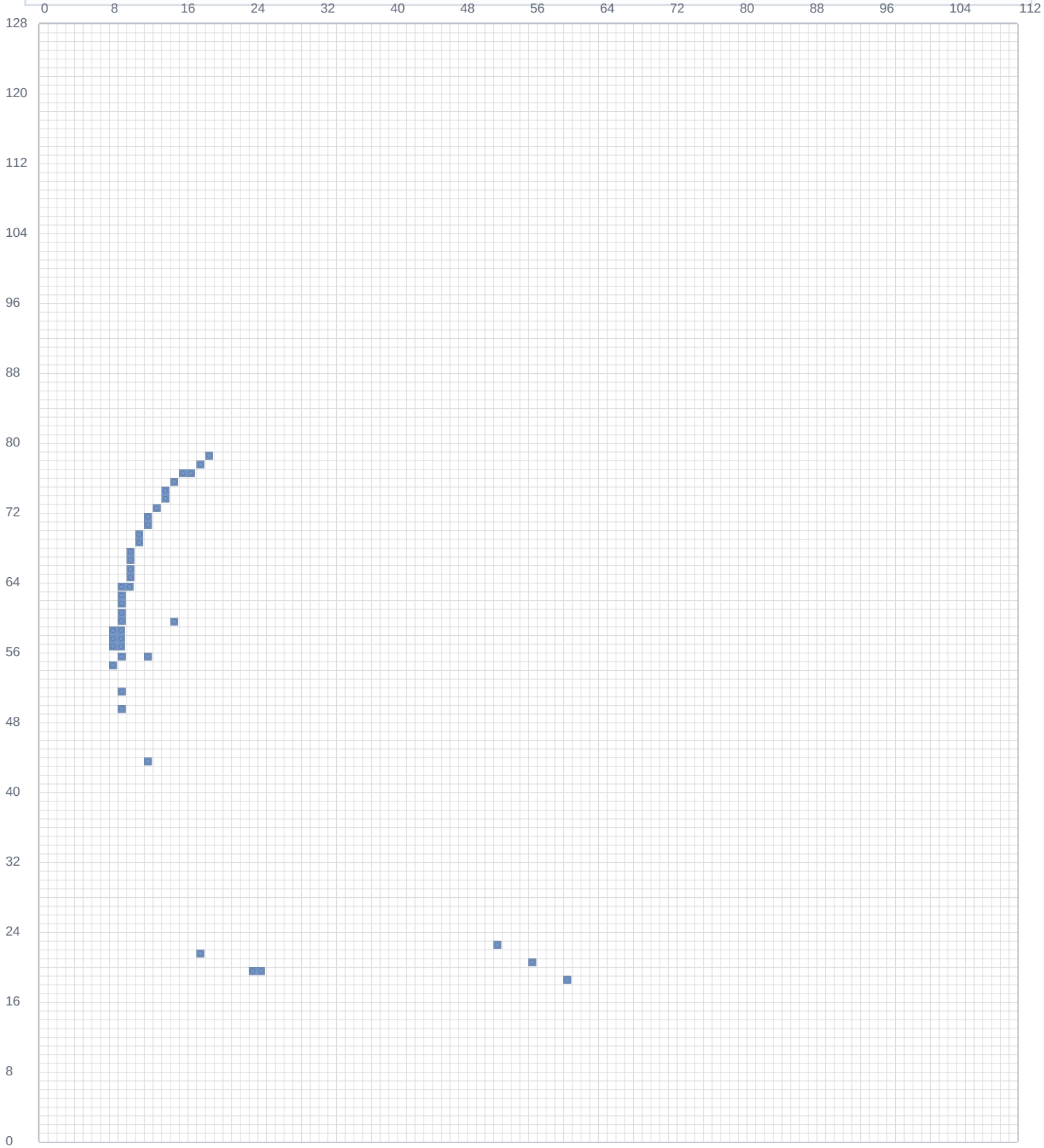


Layer 12 — Step 10 of 20

Color: Medium_Blue

This step needs:

2×2: 1 1×2: 10 1×1: 15

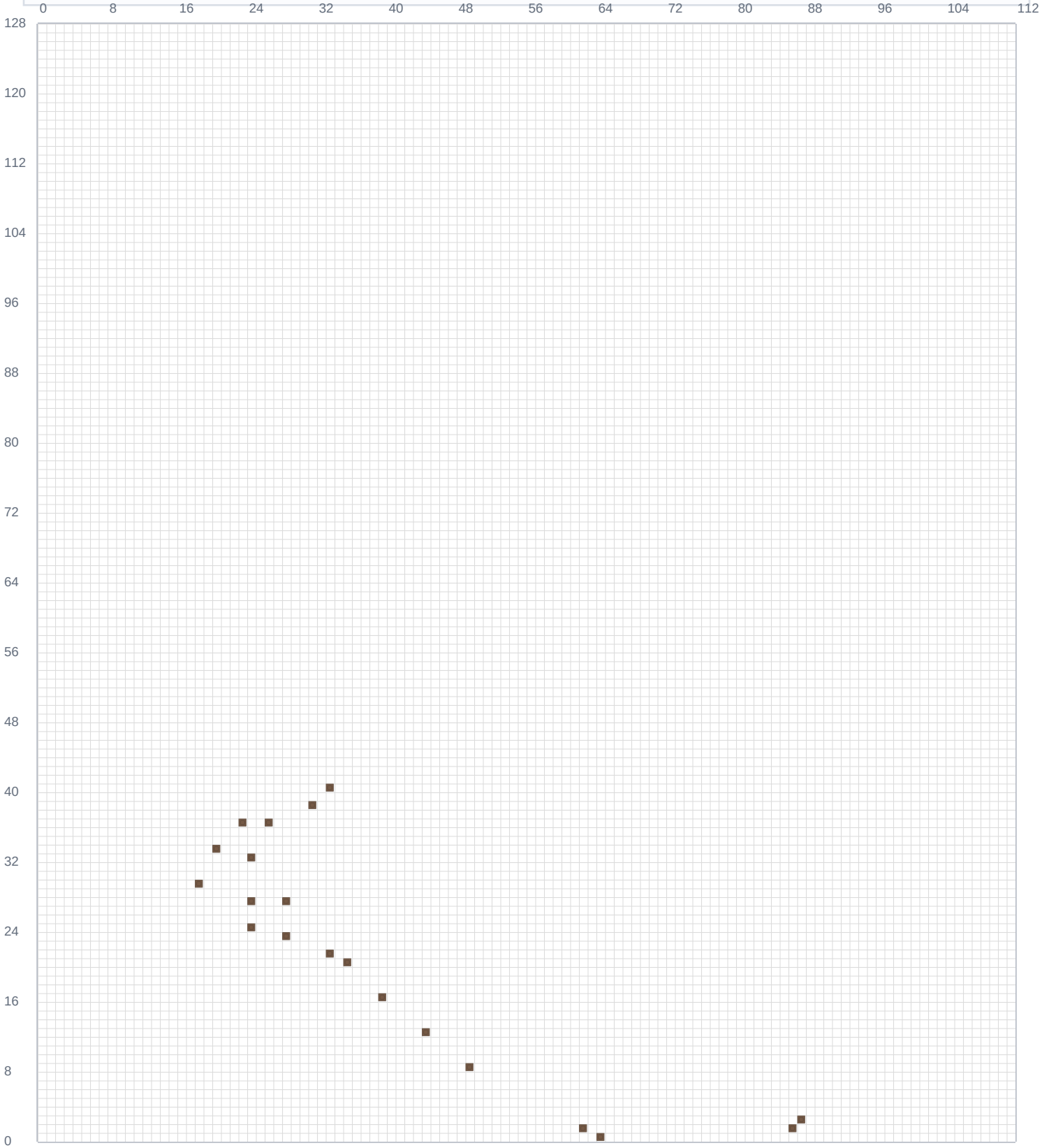


Layer 12 — Step 11 of 20

Color: Medium_Brown

This step needs:

- 1×1: 20

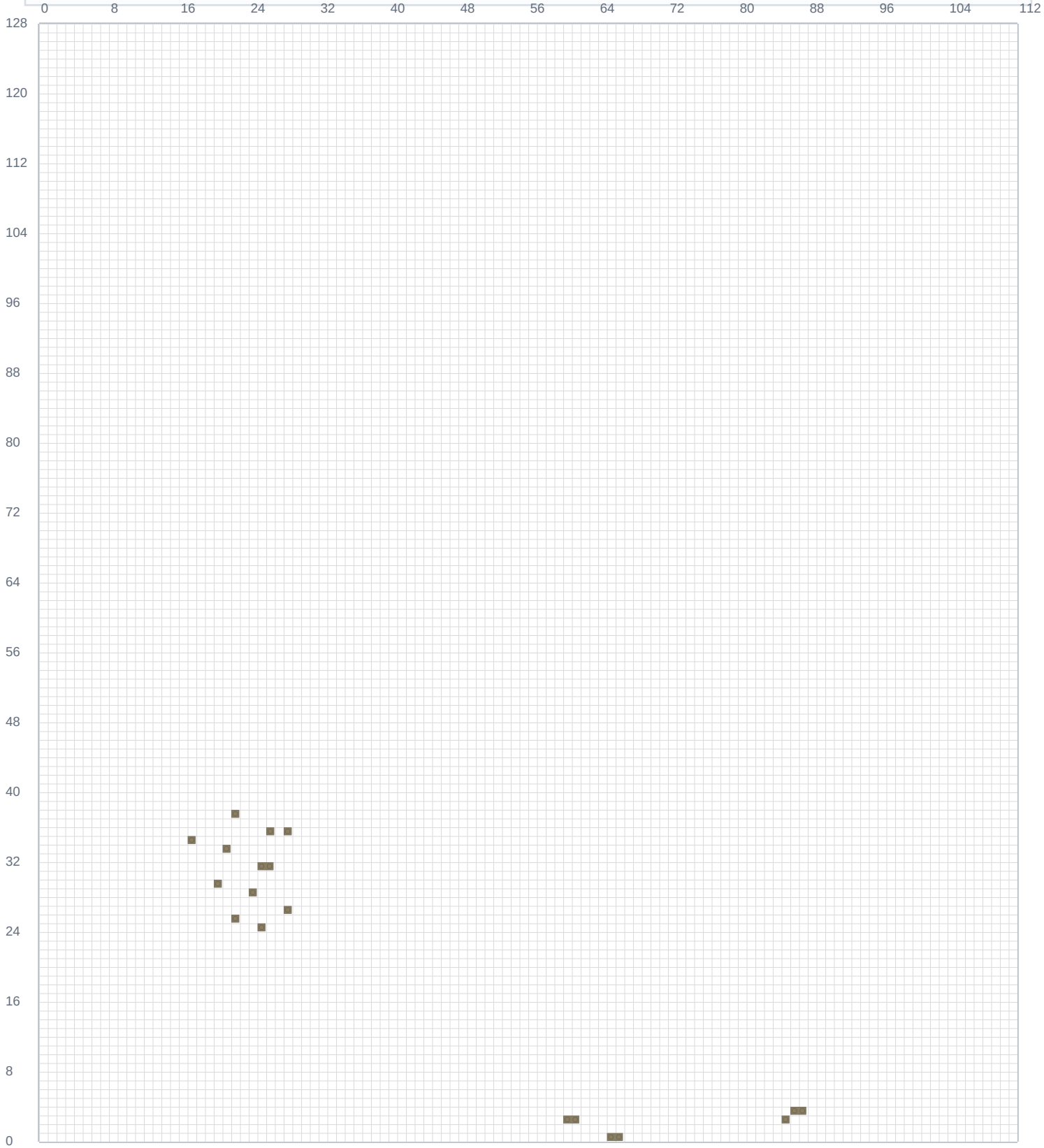


Layer 12 — Step 12 of 20

Color: Dark_Tan

This step needs:

1×2: 4 1×1: 11

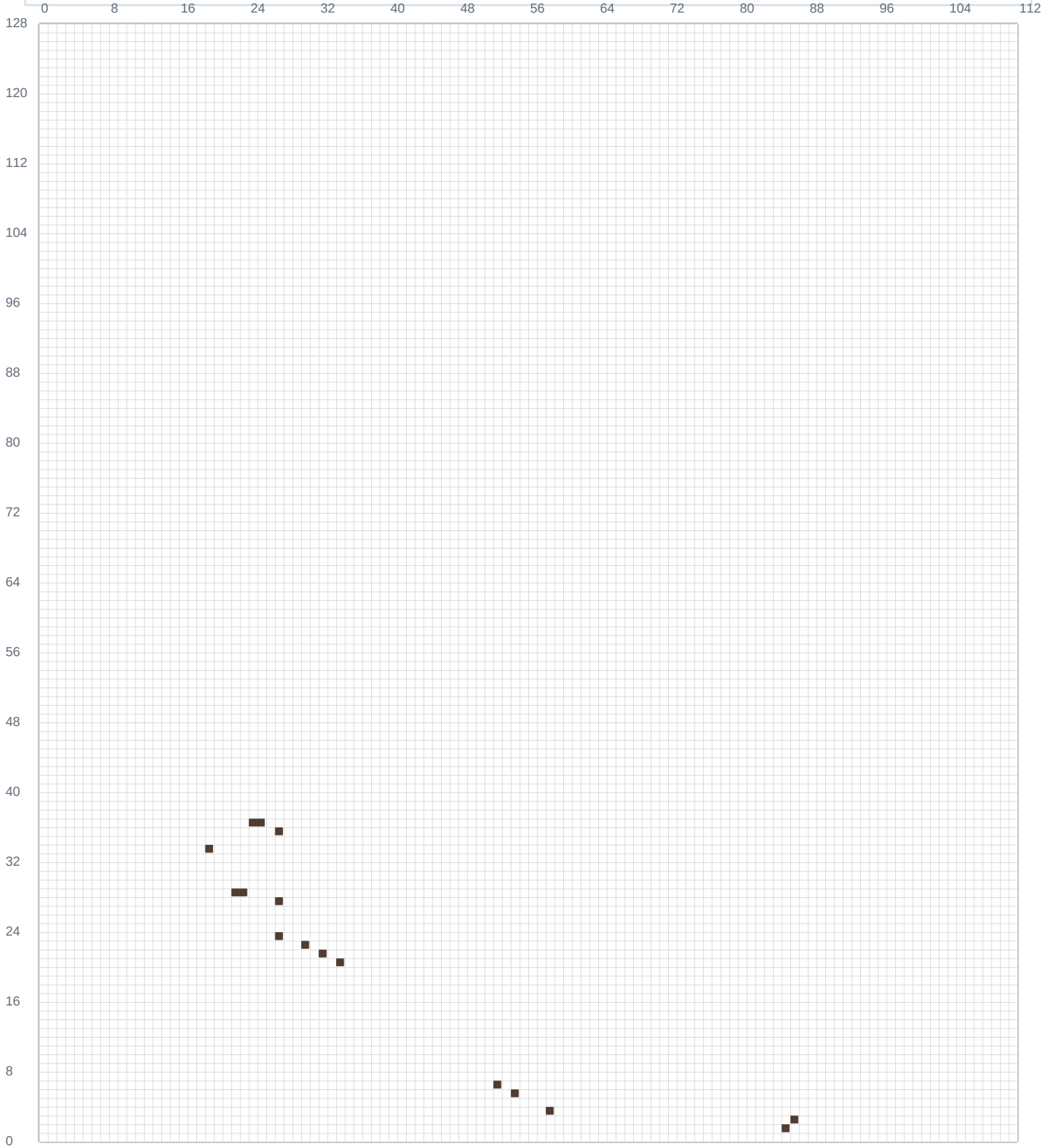


Layer 12 — Step 13 of 20

Color: Umber_Brown

This step needs:

1×2: 2 1×1: 12

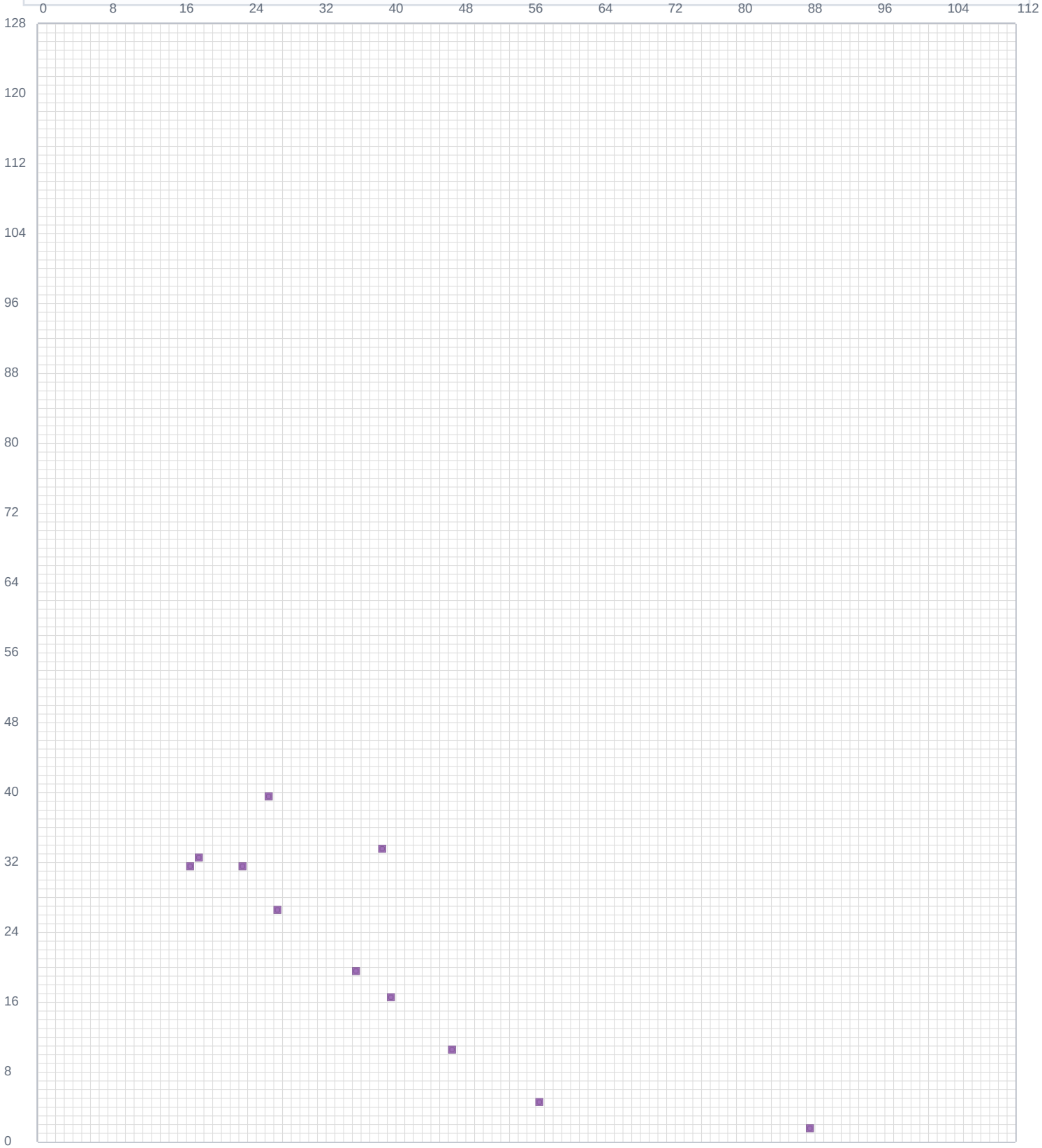


Layer 12 — Step 14 of 20

Color: Medium_Lavender

This step needs:

- 1×1: 11

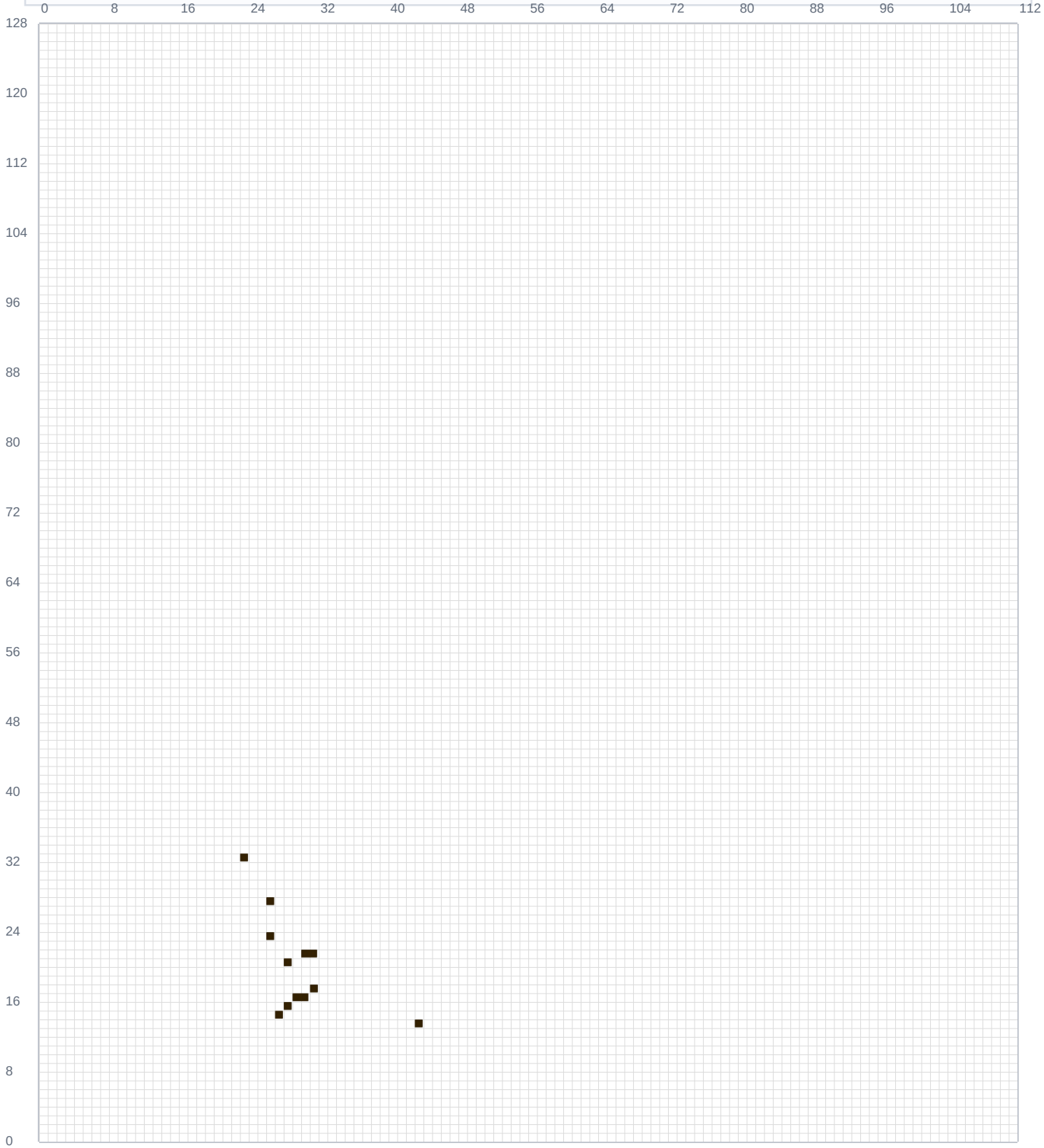


Layer 12 — Step 15 of 20

Color: Dark_Brown

This step needs:

1×2: 2 1×1: 8

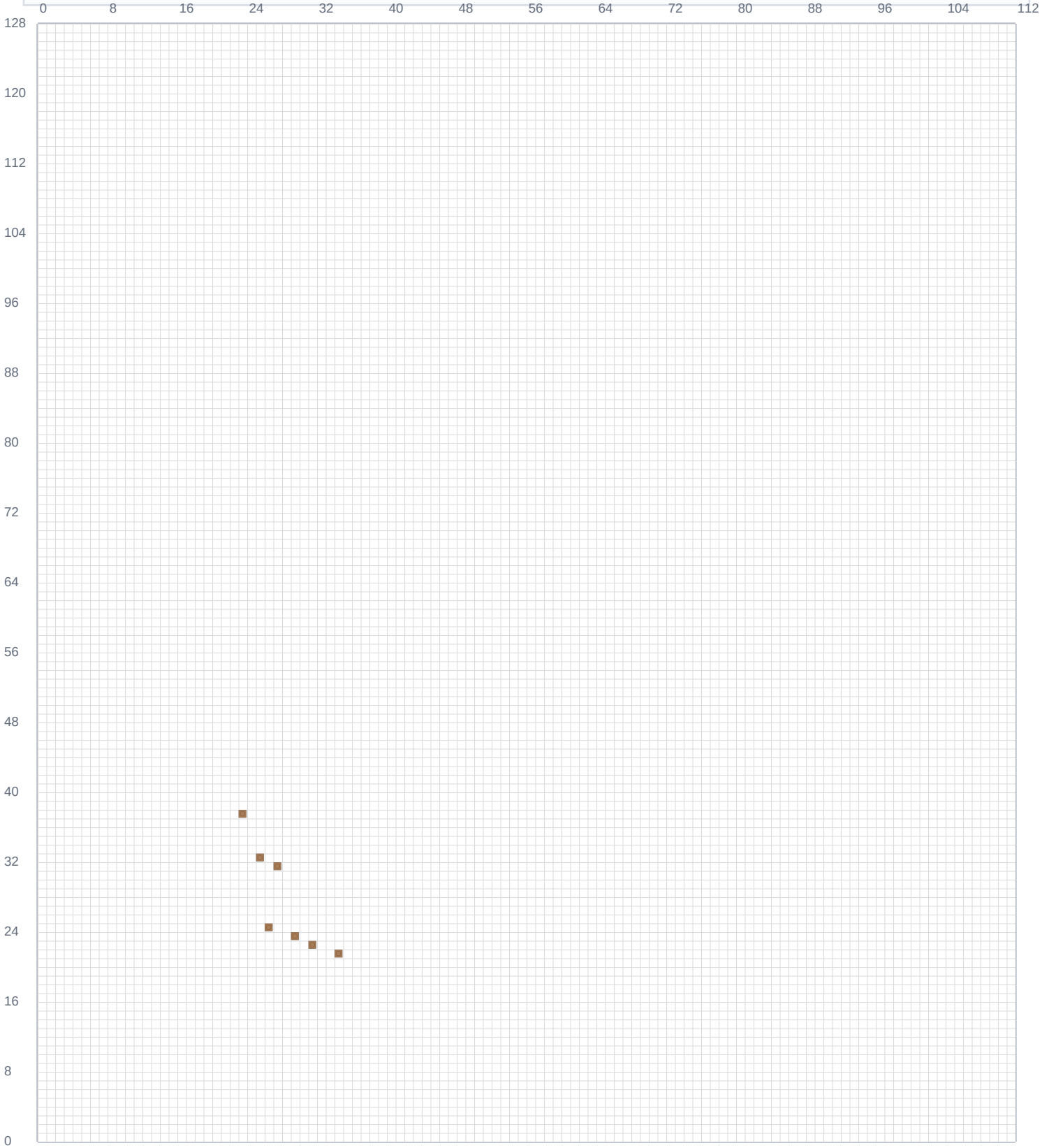


Layer 12 — Step 16 of 20

Color: Medium_Nougat

This step needs:

- 1×1: 7

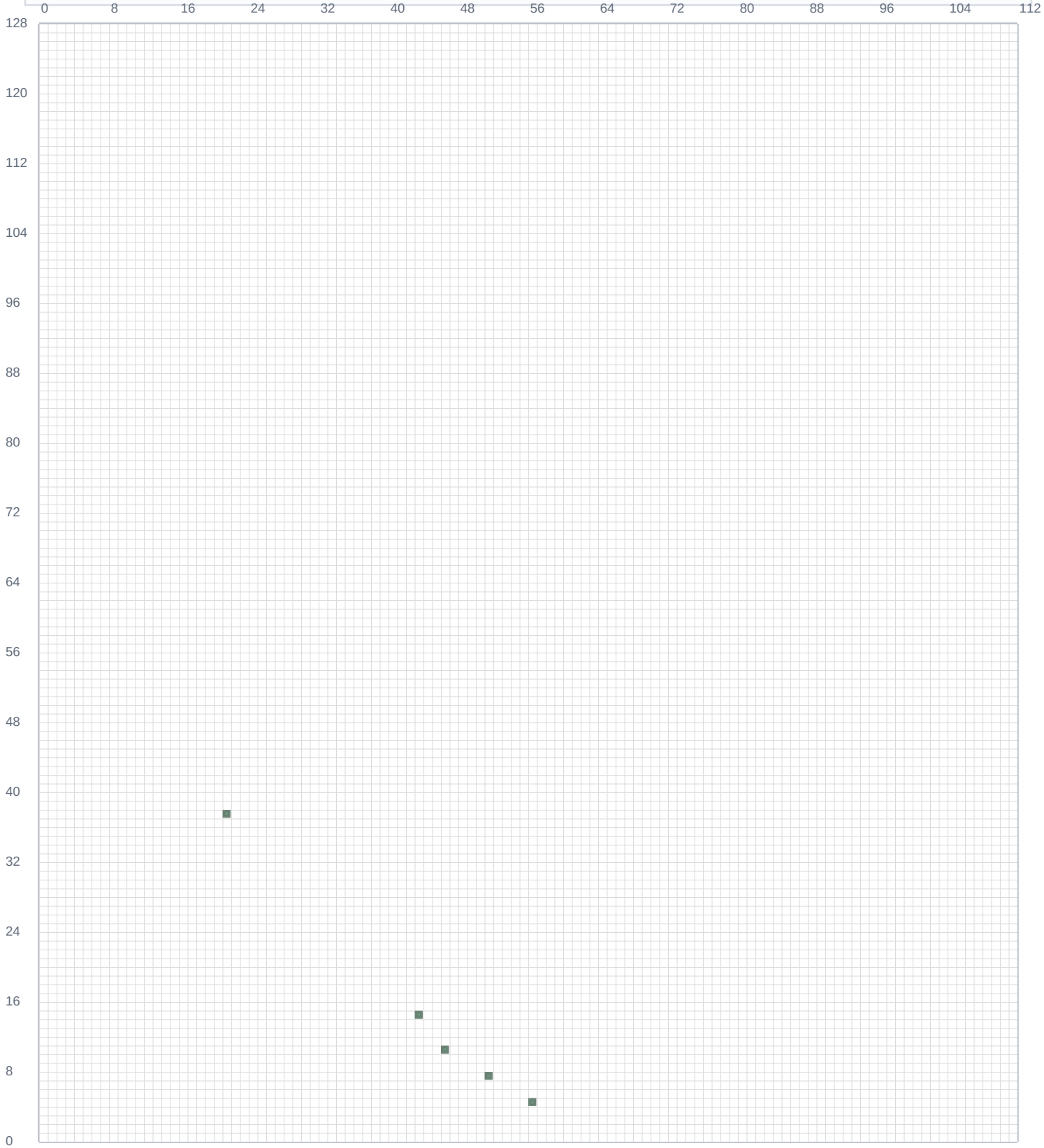


Layer 12 — Step 17 of 20

Color: Sand_Green

This step needs:

- 1×1: 5

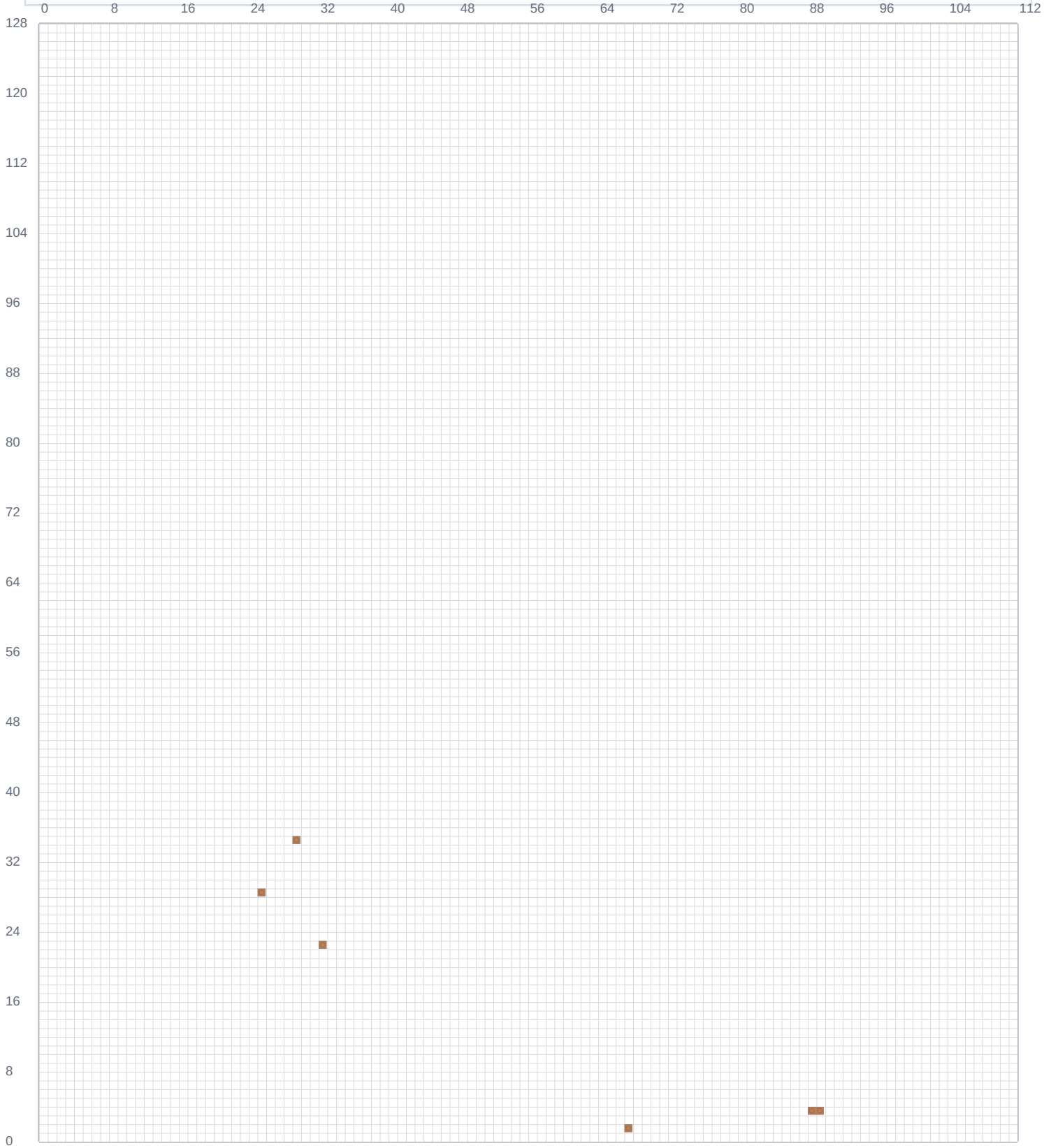


Layer 12 — Step 18 of 20

Color: Nougat

This step needs:

1×2: 1 1×1: 4

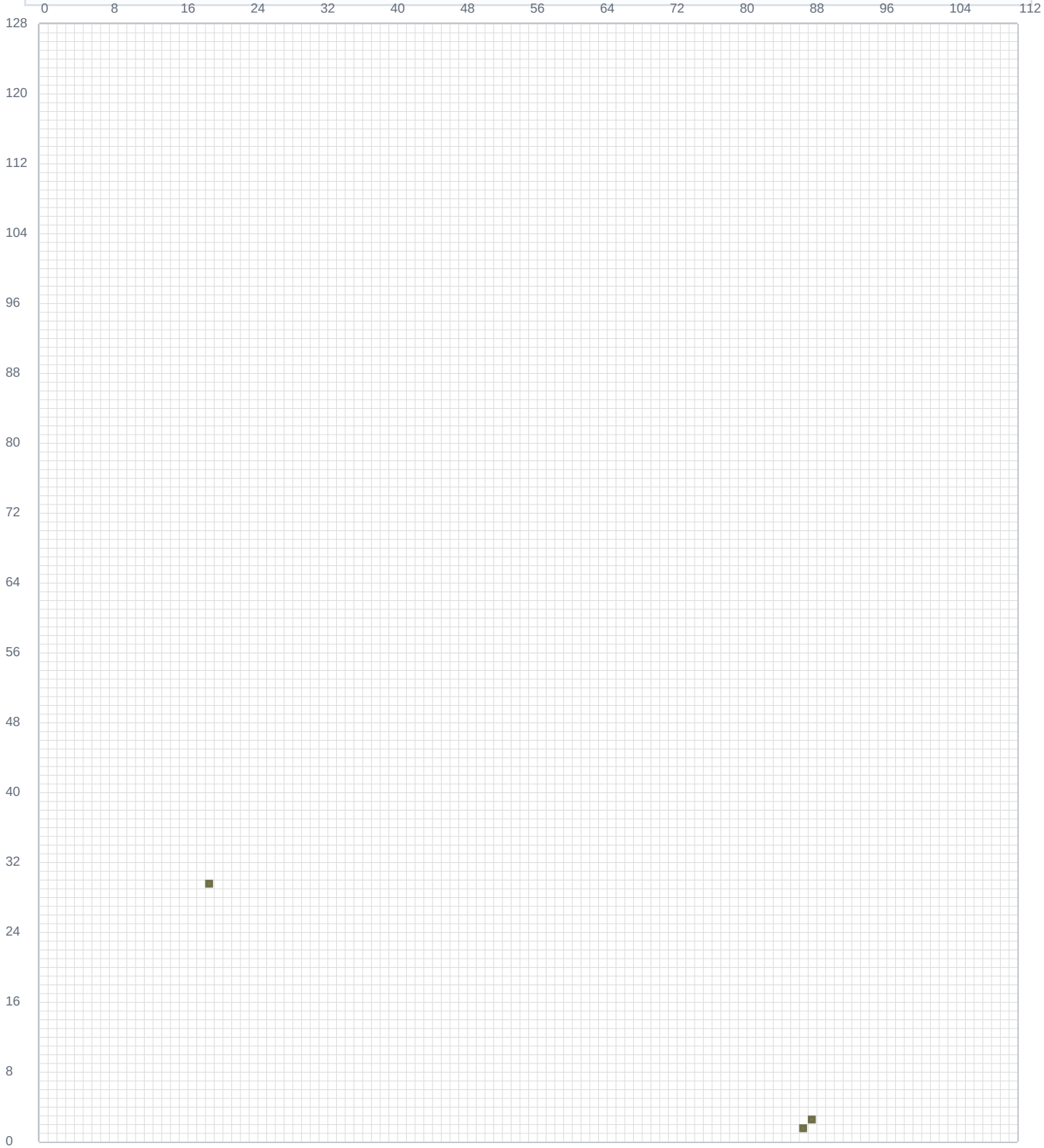


Layer 12 — Step 19 of 20

Color: Olive_Green

This step needs:

- 1×1: 3

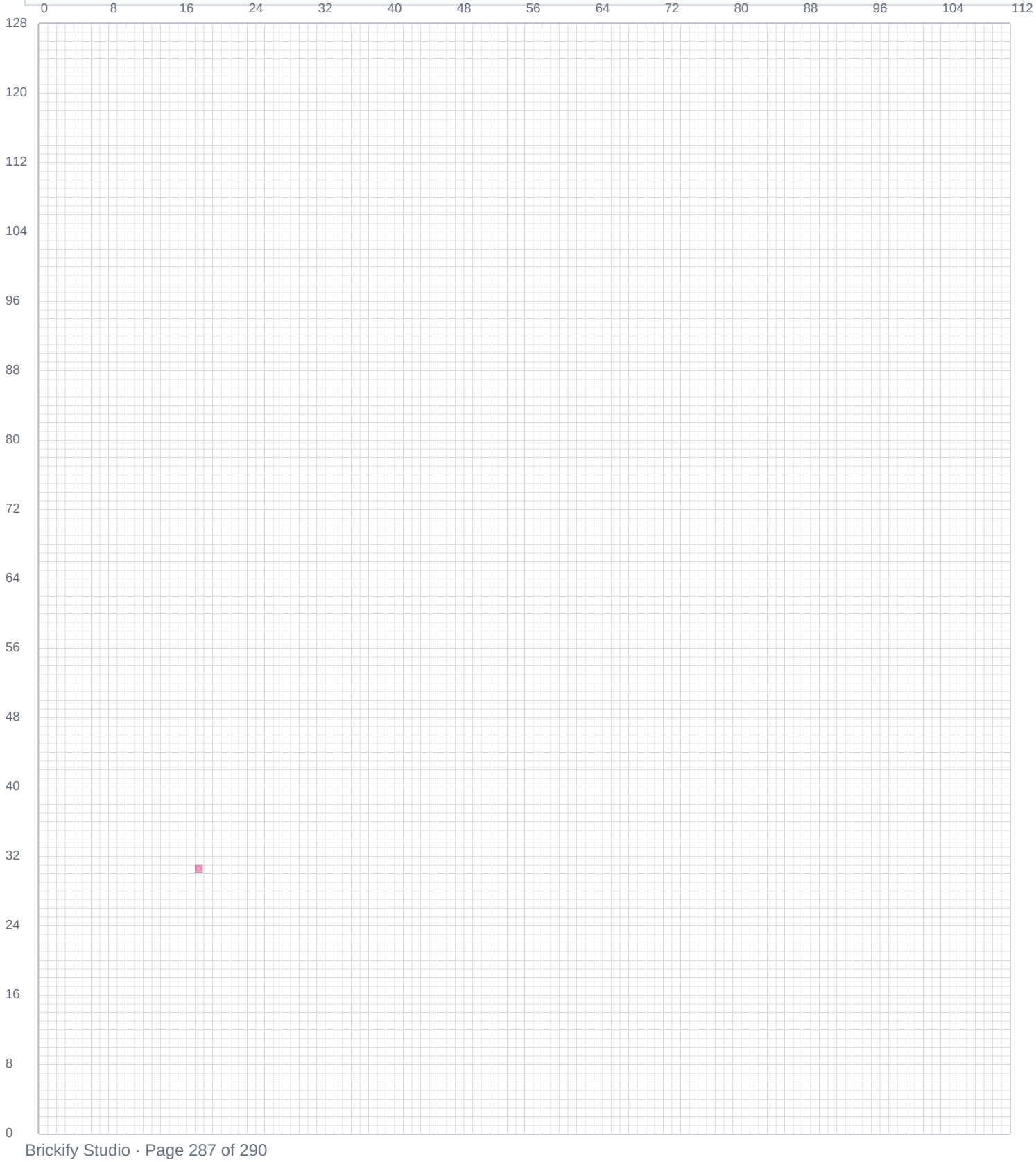


Layer 12 — Step 20 of 20

Color: Bright_Pink

This step needs:

- 1×1: 1



Parts List (Bill of Materials)

Counts are based on the generated brick packing.

Includes required baseplates.

Color	Brick	Count
Black	1×1	56
Blue	1×1	1825
Blue	1×2	1746
Blue	2×2	89
Blue	2×3	58
Blue	2×4	86
Bright_Light_Blue	1×1	78
Bright_Pink	1×1	28
Coral	1×1	25
Coral	1×2	12
Coral	2×2	3
Dark_Blue	1×1	862
Dark_Blue	1×2	1638
Dark_Blue	2×2	115
Dark_Blue	2×3	149
Dark_Blue	2×4	306
Dark_Brown	1×1	351
Dark_Brown	1×2	540
Dark_Brown	2×2	41
Dark_Brown	2×3	15
Dark_Brown	2×4	115
Dark_Green	1×1	69
Dark_Green	1×2	44
Dark_Orange	1×1	29
Dark_Orange	1×2	19
Dark_Pink	1×1	1
Dark_Tan	1×1	927
Dark_Tan	1×2	537
Dark_Tan	2×2	37
Dark_Tan	2×3	12
Dark_Tan	2×4	17
Lavender	1×1	2520
Lavender	1×2	1137
Lavender	2×2	24
Lavender	2×3	12
Lavender	2×4	4
Light_Aqua	1×1	2197
Light_Aqua	1×2	3099
Light_Aqua	2×2	225
Light_Aqua	2×3	127
Light_Aqua	2×4	256
Light_Nougat	1×1	654
Light_Nougat	1×2	483
Light_Nougat	2×2	48
Light_Nougat	2×3	52
Medium_Blue	1×1	486
Medium_Blue	1×2	545
Medium_Blue	2×2	27
Medium_Blue	2×3	19
Medium_Blue	2×4	47
Medium_Brown	1×1	1071

Parts List (Bill of Materials)

Counts are based on the generated brick packing.

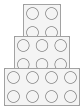
Includes required baseplates.

Color	Brick	Count
Medium_Brown	1×2	408
Medium_Brown	2×2	31
Medium_Brown	2×3	12
Medium_Brown	2×4	1
Medium_Lavender	1×1	175
Medium_Lavender	1×2	9
Medium_Nougat	1×1	632
Medium_Nougat	1×2	346
Medium_Nougat	2×2	33
Medium_Nougat	2×3	10
Medium_Tan	1×1	1474
Medium_Tan	1×2	1119
Medium_Tan	2×2	68
Medium_Tan	2×3	42
Medium_Tan	2×4	60
Nougat	1×1	472
Nougat	1×2	272
Nougat	2×2	8
Nougat	2×3	7
Olive_Green	1×1	459
Olive_Green	1×2	75
Olive_Green	2×2	8
Orange	1×1	5
Orange	1×2	3
Red	1×1	1
Reddish_Brown	1×1	82
Reddish_Brown	1×2	93
Reddish_Brown	2×2	6
Reddish_Brown	2×3	7
Reddish_Orange	1×1	8
Reddish_Orange	1×2	6
Reddish_Orange	2×3	1
Sand_Blue	1×1	2181
Sand_Blue	1×2	2390
Sand_Blue	2×2	153
Sand_Blue	2×3	166
Sand_Blue	2×4	466
Sand_Green	1×1	318
Sand_Green	1×2	60
Tan	1×1	1869
Tan	1×2	2128
Tan	2×2	191
Tan	2×3	142
Tan	2×4	145
Umber_Brown	1×1	828
Umber_Brown	1×2	605
Umber_Brown	2×2	16
Umber_Brown	2×3	37
Umber_Brown	2×4	7
White	1×1	1470
White	1×2	1974

Parts List (Bill of Materials)

Counts are based on the generated brick packing.

Includes required baseplates.

Color	Brick	Count
☐ White	 2×2	227
☐ White	2×3	157
☐ White	2×4	212