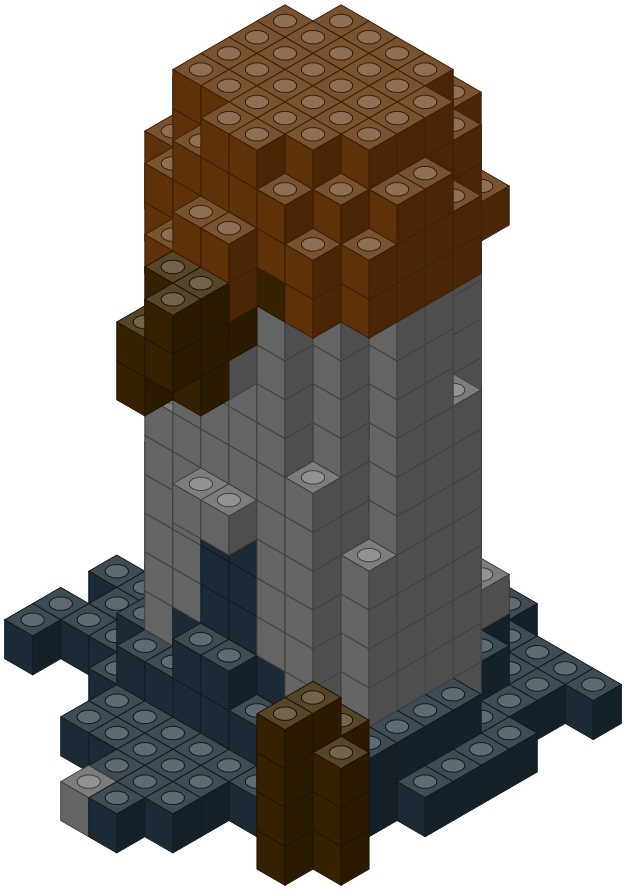
HIGEN3D · BRICK SET

windmill



272
bricks

16
layers · 15.4 cm tall

13 × 14
studs · 10.4 × 11.2 cm

5
colours

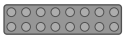
Colours

Light Bluish Gray	**89**	Black	**42**	Dark Brown	**23**
Dark Bluish Gray	**86**	Reddish Brown	**32**		

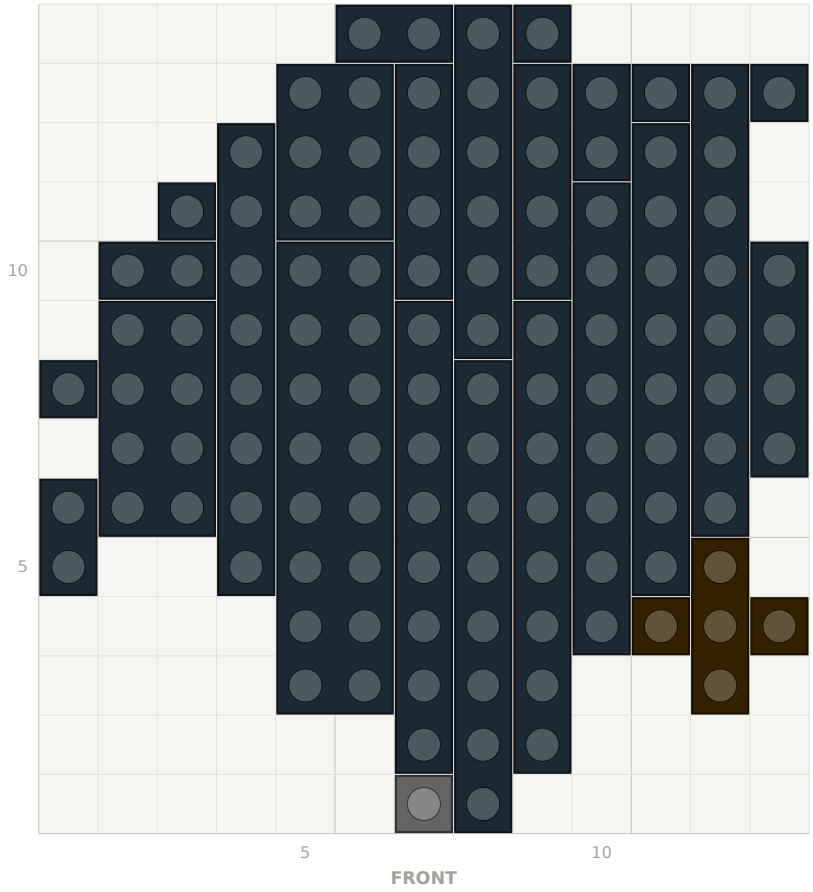
- Standard 1-high bricks (1 x 1 to 2 x 8) with LDraw / BrickLink part numbers; the full list is on the next page.
- 89 grey bricks sit inside the model where nobody sees them: any colour works there.
- Build from layer 1 upwards, one step per layer. The bottom edge of every page is the front of the model.
- Files: parts.csv (parts list) · bricklink.xml (BrickLink wanted list) · model.ldr (BrickLink Studio, LeoCAD).

Parts list

272 bricks · 32 kinds · part = LDraw / BrickLink number

Brick	Size	Part	Colour	BrickLink colour	Qty
	2 × 8	3007	Black	11	**1**
	2 × 4	3001	Black	11	**1**
	1 × 8	3008	Black	11	**7**
	2 × 3	3002	Black	11	**1**
	1 × 6	3009	Black	11	**2**
	1 × 4	3010	Black	11	**4**
	1 × 3	3622	Black	11	**1**
	1 × 2	3004	Black	11	**9**
	1 × 1	3005	Black	11	**16**
	2 × 4	3001	Reddish Brown	88	**2**
	1 × 4	3010	Reddish Brown	88	**9**
	1 × 3	3622	Reddish Brown	88	**5**
	1 × 2	3004	Reddish Brown	88	**10**
	1 × 1	3005	Reddish Brown	88	**6**
	2 × 2	3003	Dark Brown	120	**1**
	1 × 3	3622	Dark Brown	120	**3**
	1 × 2	3004	Dark Brown	120	**6**
	1 × 1	3005	Dark Brown	120	**13**
	2 × 8	3007	Light Bluish Gray	86	**1**
	2 × 6	2456	Light Bluish Gray	86	**2**
	2 × 4	3001	Light Bluish Gray	86	**1**
	2 × 3	3002	Light Bluish Gray	86	**2**
	1 × 4	3010	Light Bluish Gray	86	**11**
	1 × 3	3622	Light Bluish Gray	86	**10**
	1 × 2	3004	Light Bluish Gray	86	**28**
	1 × 1	3005	Light Bluish Gray	86	**34**
	1 × 6	3009	Dark Bluish Gray	85	**2**
	2 × 2	3003	Dark Bluish Gray	85	**5**
	1 × 4	3010	Dark Bluish Gray	85	**17**
	1 × 3	3622	Dark Bluish Gray	85	**6**
	1 × 2	3004	Dark Bluish Gray	85	**24**
	1 × 1	3005	Dark Bluish Gray	85	**32**

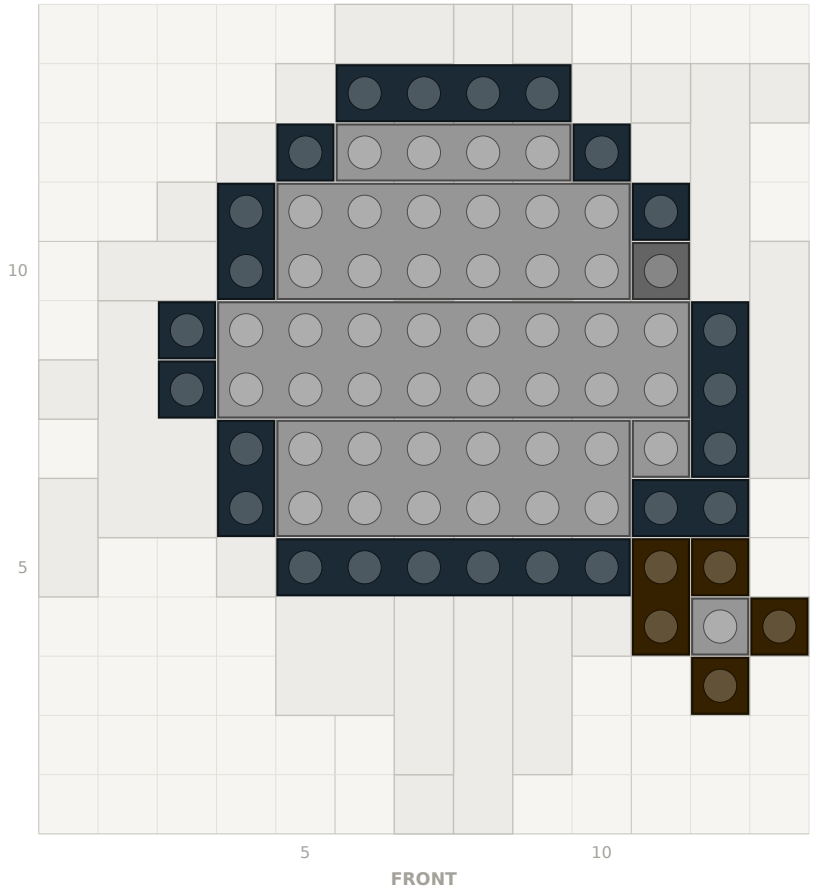
Layer 1 of 16 · 27 bricks



This layer

- **1×** 2 × 8 Black
- **1×** 2 × 4 Black
- **7×** 1 × 8 Black
- **1×** 2 × 3 Black
- **1×** 1 × 6 Black
- **3×** 1 × 4 Black
- **4×** 1 × 2 Black
- **5×** 1 × 1 Black
- **1×** 1 × 3 Dark Brown
- **2×** 1 × 1 Dark Brown
- **1×** 1 × 1 Dark Bluish Gray

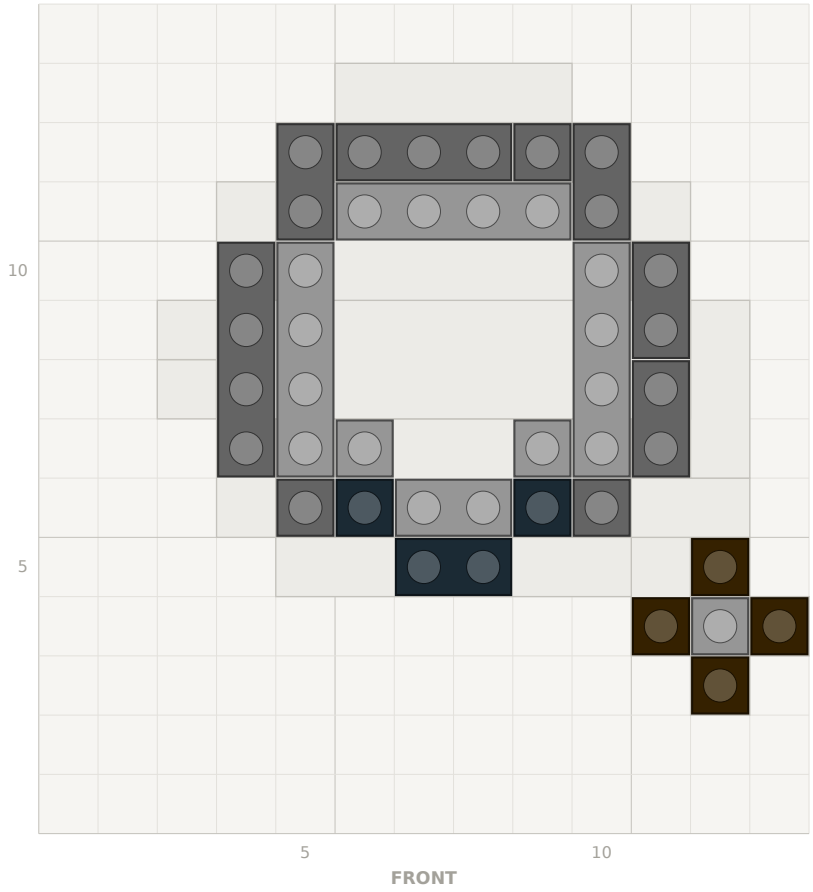
Layer 2 of 16 · 22 bricks



This layer

- **1×** 1 × 6 Black
- **1×** 1 × 4 Black
- **1×** 1 × 3 Black
- **3×** 1 × 2 Black
- **5×** 1 × 1 Black
- **1×** 1 × 2 Dark Brown
- **3×** 1 × 1 Dark Brown
- **1×** 2 × 8 Light Bluish Gray
- **2×** 2 × 6 Light Bluish Gray
- **1×** 1 × 4 Light Bluish Gray
- **2×** 1 × 1 Light Bluish Gray
- **1×** 1 × 1 Dark Bluish Gray

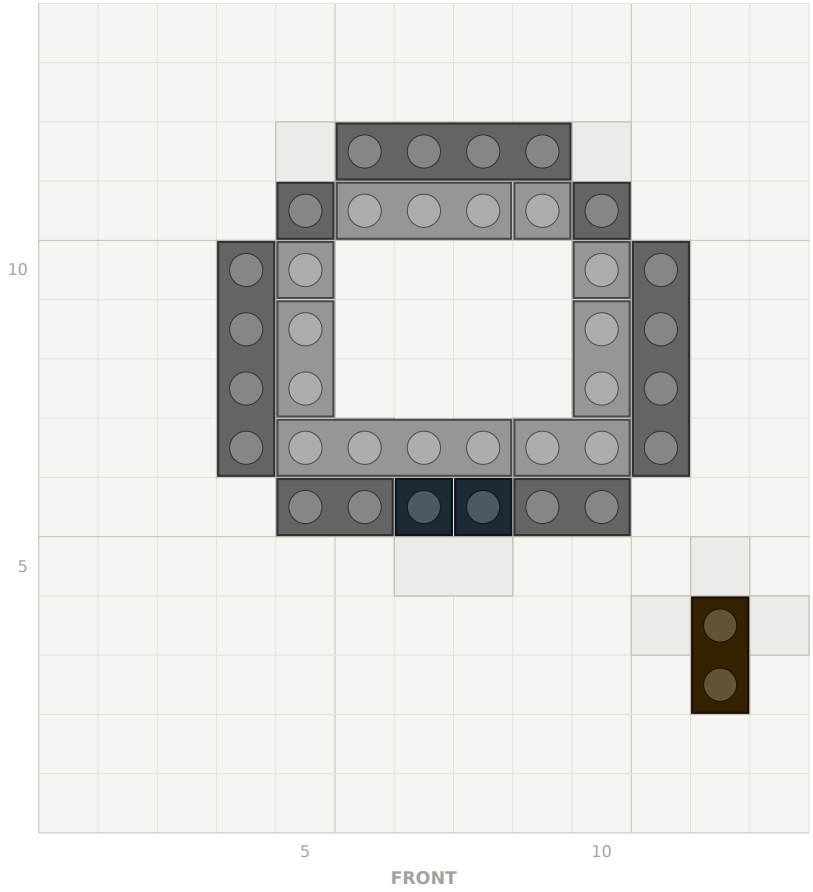
Layer 3 of 16 · 23 bricks



This layer

- **1×** 1 × 2 Black
- **2×** 1 × 1 Black
- **4×** 1 × 1 Dark Brown
- **3×** 1 × 4 Light Bluish Gray
- **1×** 1 × 2 Light Bluish Gray
- **3×** 1 × 1 Light Bluish Gray
- **1×** 1 × 4 Dark Bluish Gray
- **1×** 1 × 3 Dark Bluish Gray
- **4×** 1 × 2 Dark Bluish Gray
- **3×** 1 × 1 Dark Bluish Gray

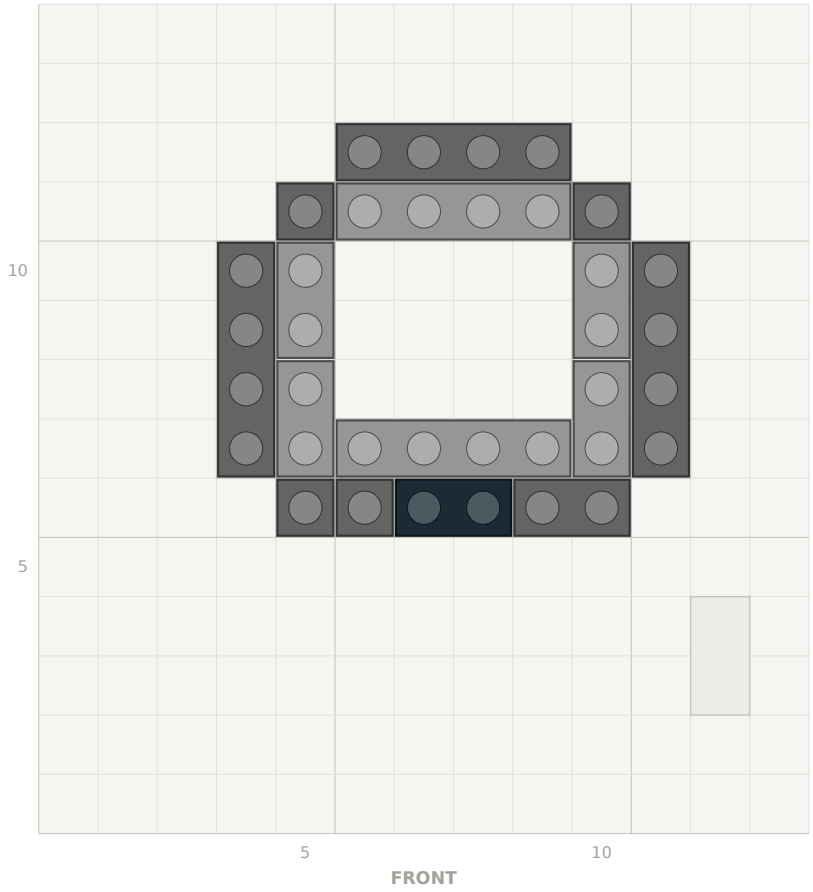
Layer 4 of 16 · 18 bricks



This layer

- **2×** 1 × 1 Black
- **1×** 1 × 2 Dark Brown
- **1×** 1 × 4 Light Bluish Gray
- **1×** 1 × 3 Light Bluish Gray
- **3×** 1 × 2 Light Bluish Gray
- **3×** 1 × 1 Light Bluish Gray
- **3×** 1 × 4 Dark Bluish Gray
- **2×** 1 × 2 Dark Bluish Gray
- **2×** 1 × 1 Dark Bluish Gray

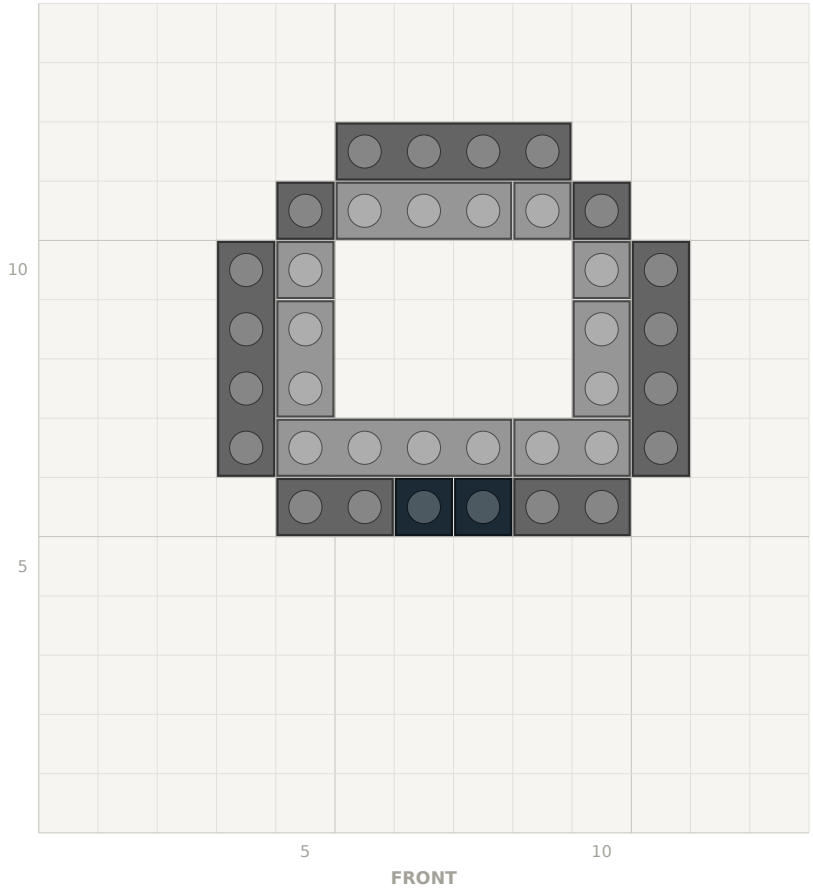
Layer 5 of 16 · 15 bricks



This layer

- **1×** 1 × 2 Black
- **2×** 1 × 4 Light Bluish Gray
- **4×** 1 × 2 Light Bluish Gray
- **3×** 1 × 4 Dark Bluish Gray
- **1×** 1 × 2 Dark Bluish Gray
- **4×** 1 × 1 Dark Bluish Gray

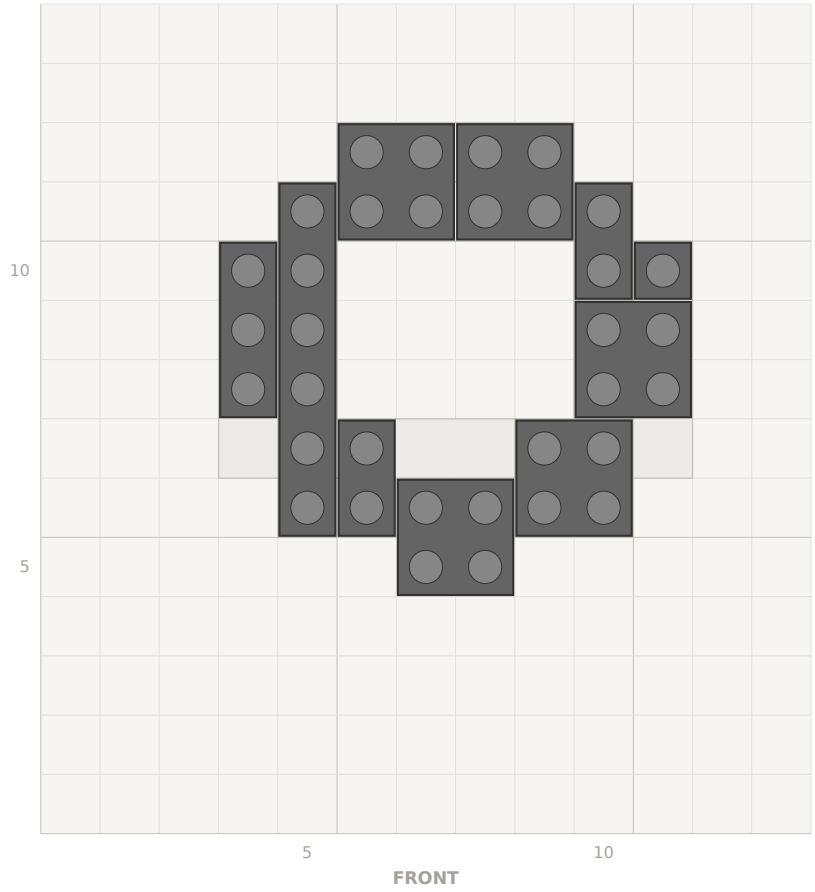
Layer 6 of 16 · 17 bricks



This layer

- **2×** 1 × 1 Black
- **1×** 1 × 4 Light Bluish Gray
- **1×** 1 × 3 Light Bluish Gray
- **3×** 1 × 2 Light Bluish Gray
- **3×** 1 × 1 Light Bluish Gray
- **3×** 1 × 4 Dark Bluish Gray
- **2×** 1 × 2 Dark Bluish Gray
- **2×** 1 × 1 Dark Bluish Gray

Layer 7 of 16 · 10 bricks

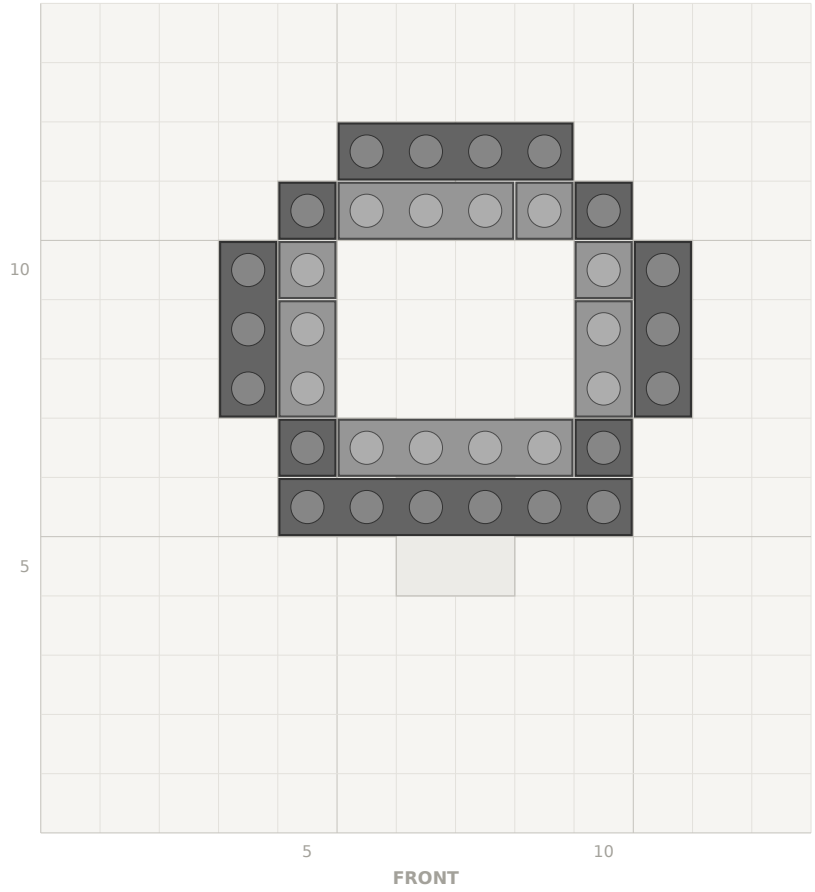


This layer

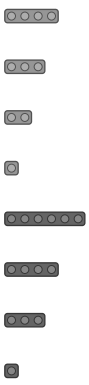


1× 1 × 6
Dark Bluish Gray
5× 2 × 2
Dark Bluish Gray
1× 1 × 3
Dark Bluish Gray
2× 1 × 2
Dark Bluish Gray
1× 1 × 1
Dark Bluish Gray

Layer 8 of 16 · 15 bricks

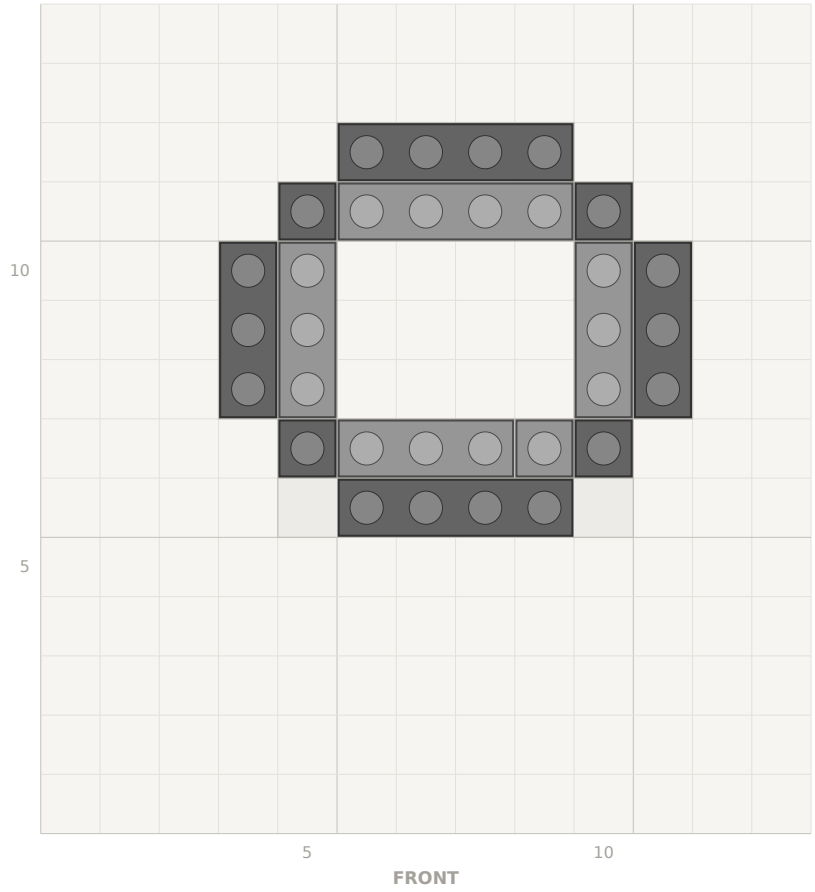


This layer



1× 1 × 4
Light Bluish Gray
1× 1 × 3
Light Bluish Gray
2× 1 × 2
Light Bluish Gray
3× 1 × 1
Light Bluish Gray
1× 1 × 6
Dark Bluish Gray
1× 1 × 4
Dark Bluish Gray
2× 1 × 3
Dark Bluish Gray
4× 1 × 1
Dark Bluish Gray

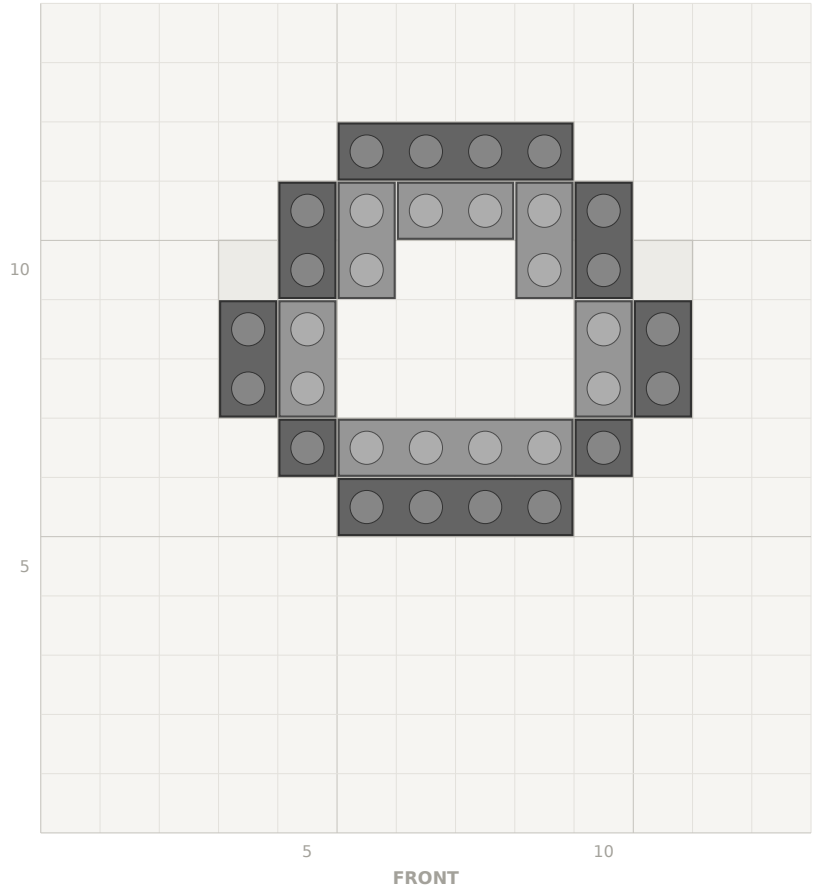
Layer 9 of 16 · 13 bricks



This layer

- **1×** 1 × 4 Light Bluish Gray
- **3×** 1 × 3 Light Bluish Gray
- **1×** 1 × 1 Light Bluish Gray
- **2×** 1 × 4 Dark Bluish Gray
- **2×** 1 × 3 Dark Bluish Gray
- **4×** 1 × 1 Dark Bluish Gray

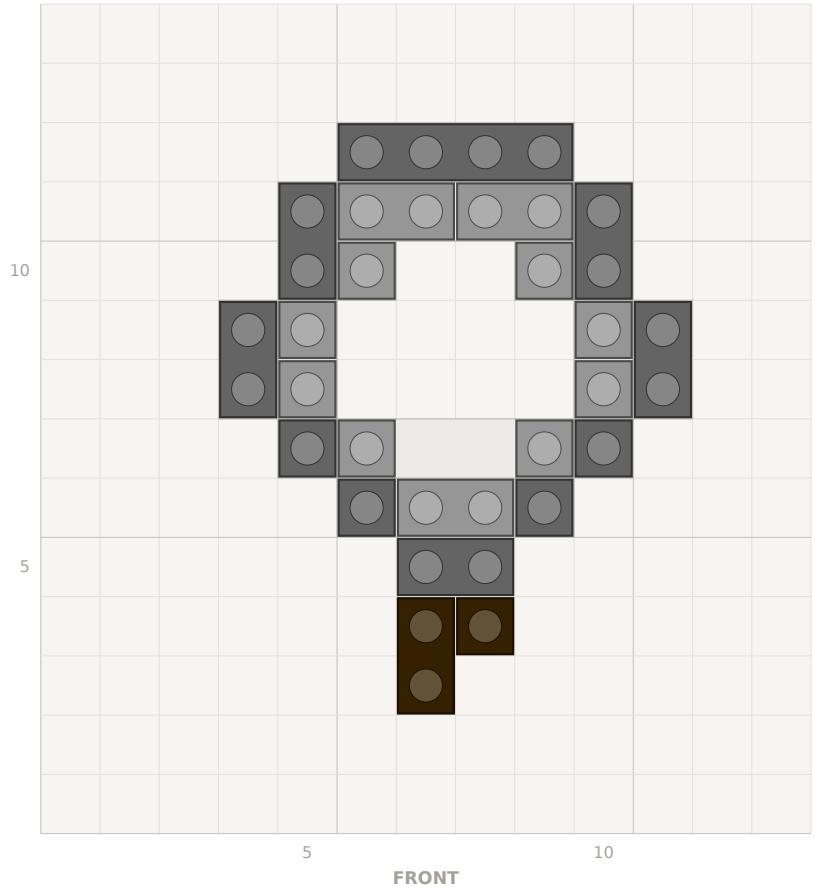
Layer 10 of 16 · 14 bricks



This layer

- **1×** 1 × 4 Light Bluish Gray
- **5×** 1 × 2 Light Bluish Gray
- **2×** 1 × 4 Dark Bluish Gray
- **4×** 1 × 2 Dark Bluish Gray
- **2×** 1 × 1 Dark Bluish Gray

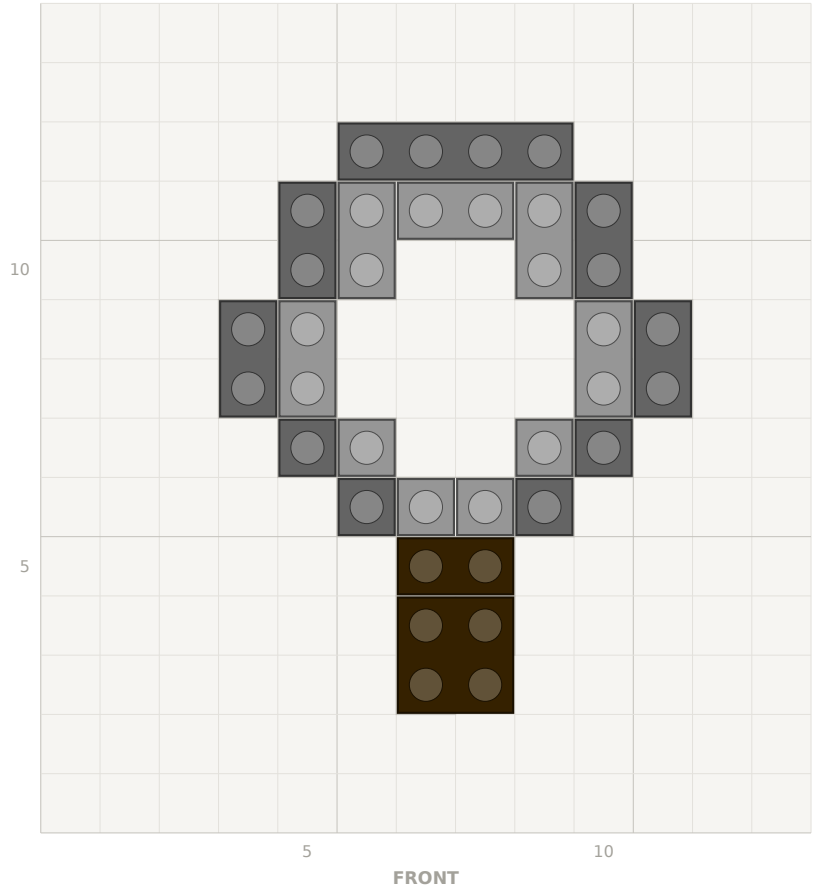
Layer 11 of 16 · 23 bricks



This layer

- **1×** 1 × 2 Dark Brown
- **1×** 1 × 1 Dark Brown
- **3×** 1 × 2 Light Bluish Gray
- **8×** 1 × 1 Light Bluish Gray
- **1×** 1 × 4 Dark Bluish Gray
- **5×** 1 × 2 Dark Bluish Gray
- **4×** 1 × 1 Dark Bluish Gray

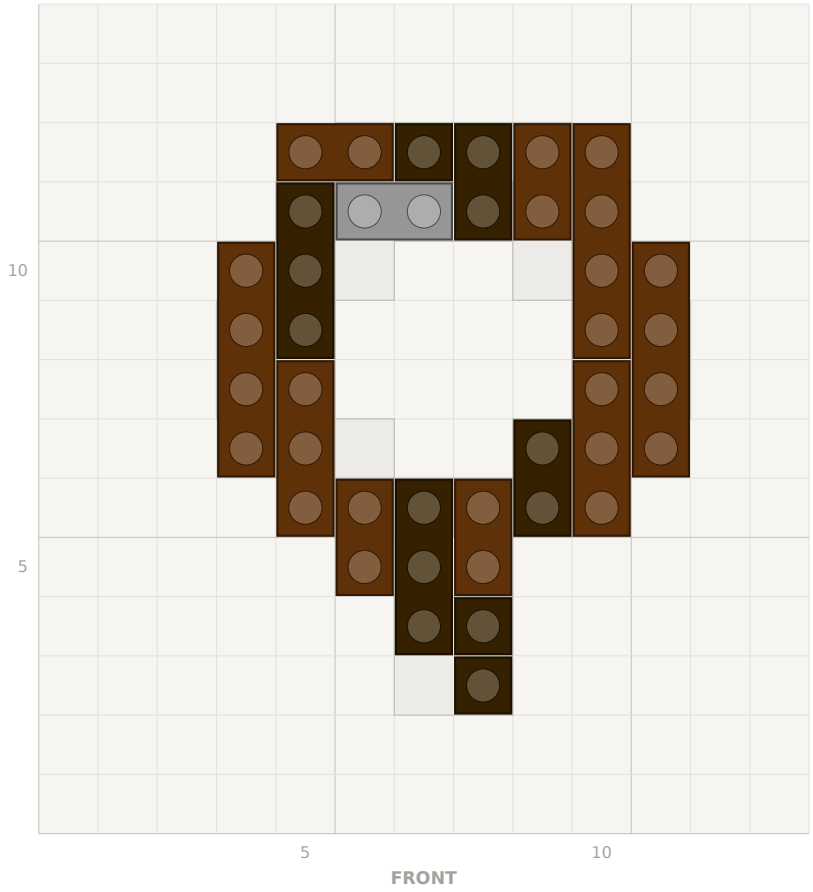
Layer 12 of 16 · 20 bricks



This layer

- **1×** 2 × 2 Dark Brown
- **1×** 1 × 2 Dark Brown
- **5×** 1 × 2 Light Bluish Gray
- **4×** 1 × 1 Light Bluish Gray
- **1×** 1 × 4 Dark Bluish Gray
- **4×** 1 × 2 Dark Bluish Gray
- **4×** 1 × 1 Dark Bluish Gray

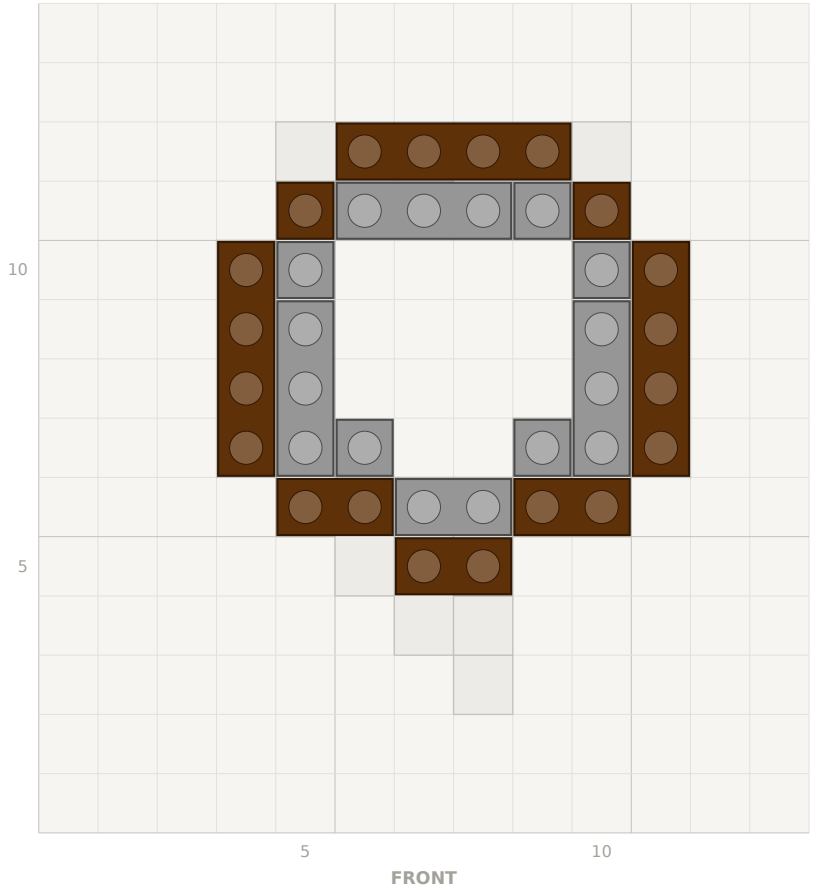
Layer 13 of 16 · 17 bricks



This layer

- **3×** 1 × 4 Reddish Brown
- **2×** 1 × 3 Reddish Brown
- **4×** 1 × 2 Reddish Brown
- **2×** 1 × 3 Dark Brown
- **2×** 1 × 2 Dark Brown
- **3×** 1 × 1 Dark Brown
- **1×** 1 × 2 Light Bluish Gray

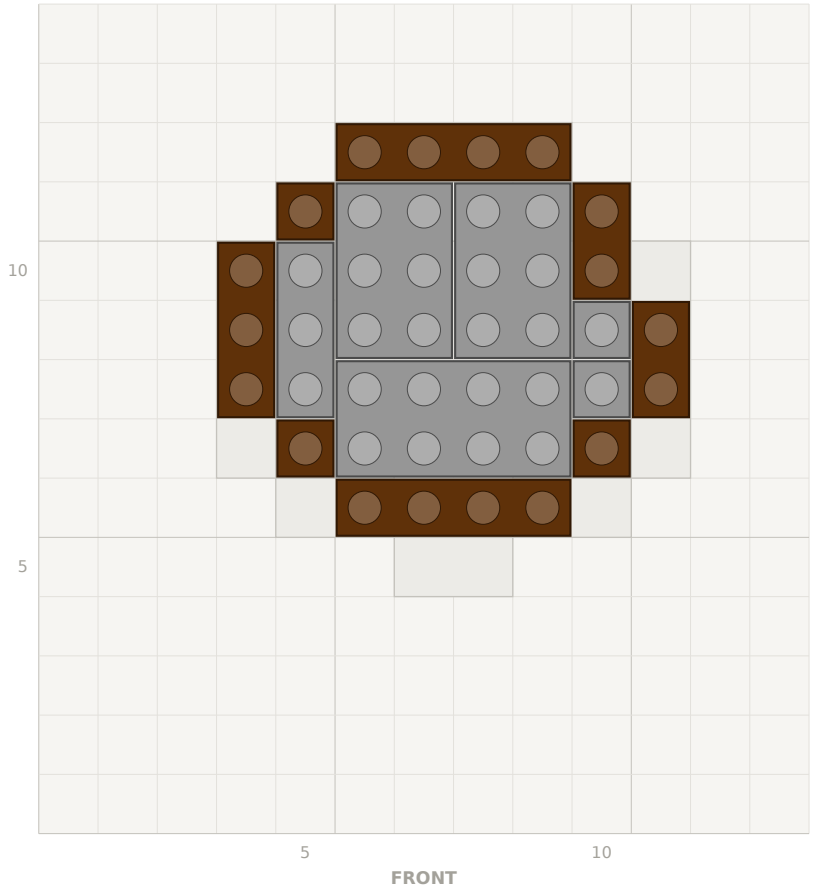
Layer 14 of 16 · 17 bricks



This layer

- **3×** 1 × 4 Reddish Brown
- **3×** 1 × 2 Reddish Brown
- **2×** 1 × 1 Reddish Brown
- **3×** 1 × 3 Light Bluish Gray
- **1×** 1 × 2 Light Bluish Gray
- **5×** 1 × 1 Light Bluish Gray

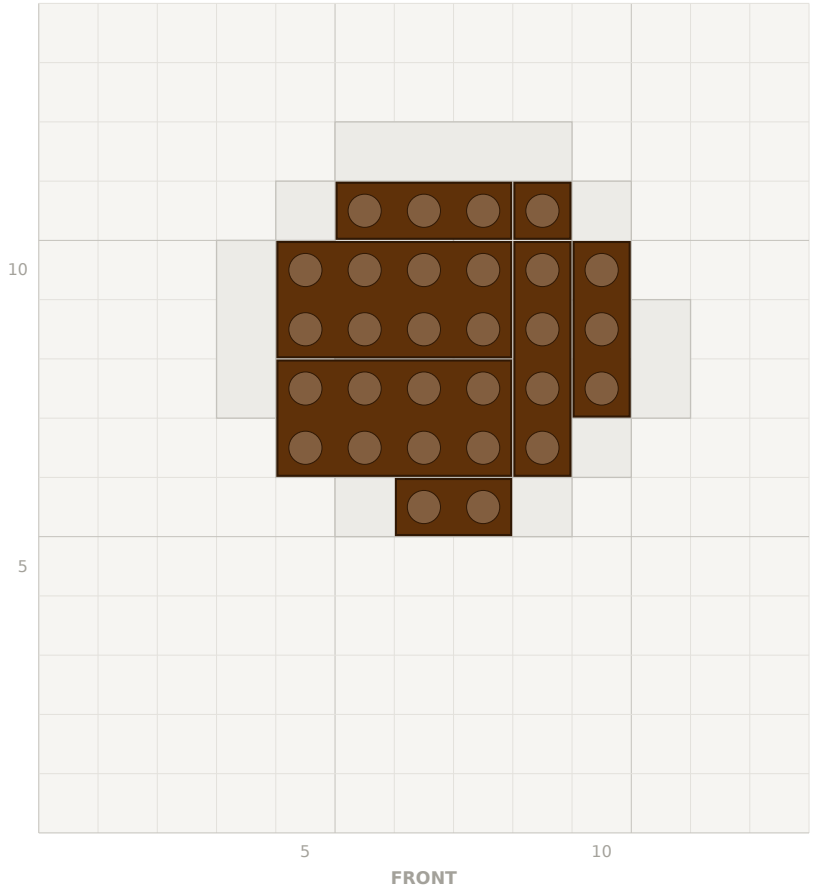
Layer 15 of 16 · 14 bricks



This layer

- **2×** 1 × 4 Reddish Brown
- **1×** 1 × 3 Reddish Brown
- **2×** 1 × 2 Reddish Brown
- **3×** 1 × 1 Reddish Brown
- **1×** 2 × 4 Light Bluish Gray
- **2×** 2 × 3 Light Bluish Gray
- **1×** 1 × 3 Light Bluish Gray
- **2×** 1 × 1 Light Bluish Gray

Layer 16 of 16 · 7 bricks



This layer

- **2×** 2 × 4 Reddish Brown
- **1×** 1 × 4 Reddish Brown
- **2×** 1 × 3 Reddish Brown
- **1×** 1 × 2 Reddish Brown
- **1×** 1 × 1 Reddish Brown