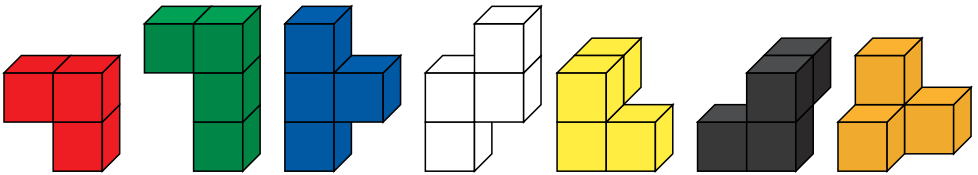


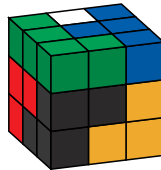
SOMA-Würfel

Einführung

Der SOMA-Würfel besteht aus sieben Somasteinen:

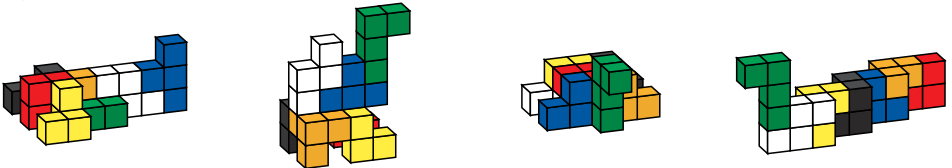


Das Grundproblem des SOMA-Würfels ist es, aus den sieben Einzelteilen einen Würfel zusammenzusetzen:



Es gibt 240 Lösungen für dieses Problem. Eine dieser Lösungen ist auf der Karte 23 abgebildet.

Aus den SOMA-Würfelteilen kann man aber auch viele andere Figuren bauen:



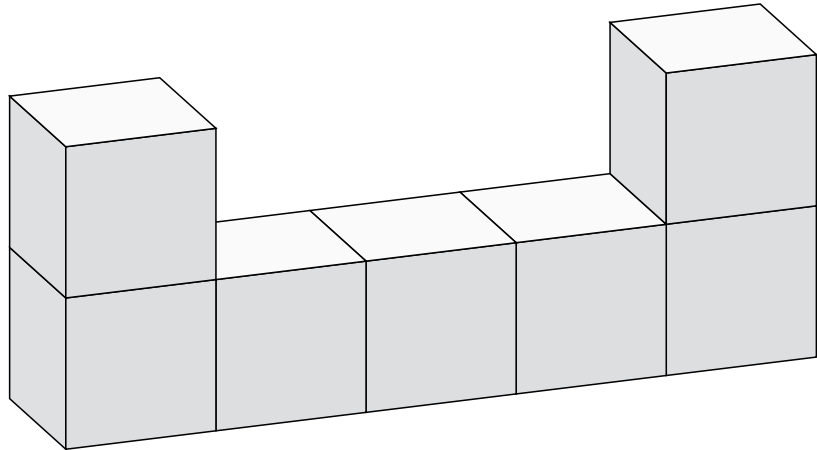
Hinweis

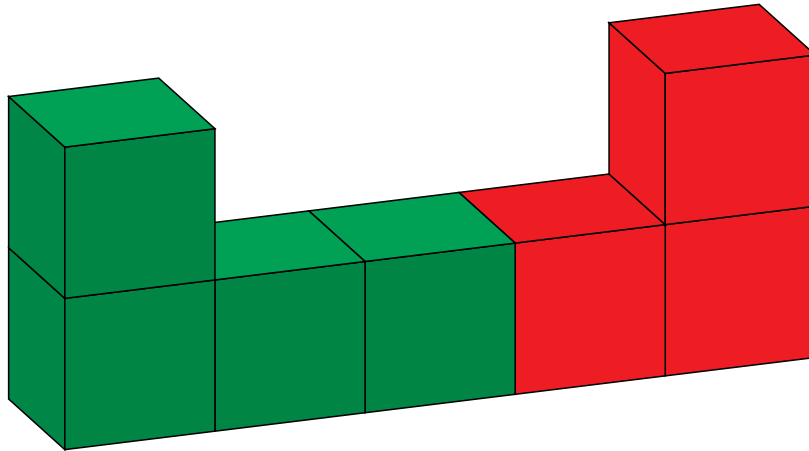
Bei den Aufgabenkarten sind auf der Rückseite die Lösungen abgedruckt. Versuche aber zuerst die Aufgabe alleine zu lösen.



Somafiguren

Aufgabe: Baue das Kanu aus zwei Somateilen.

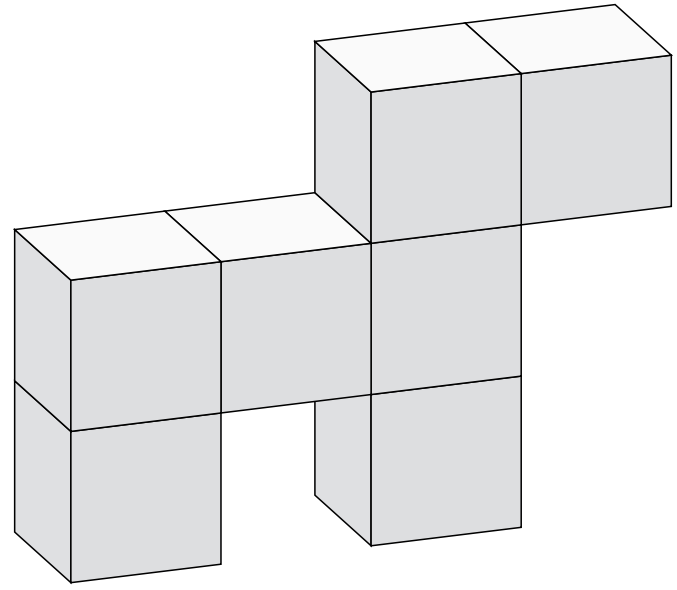


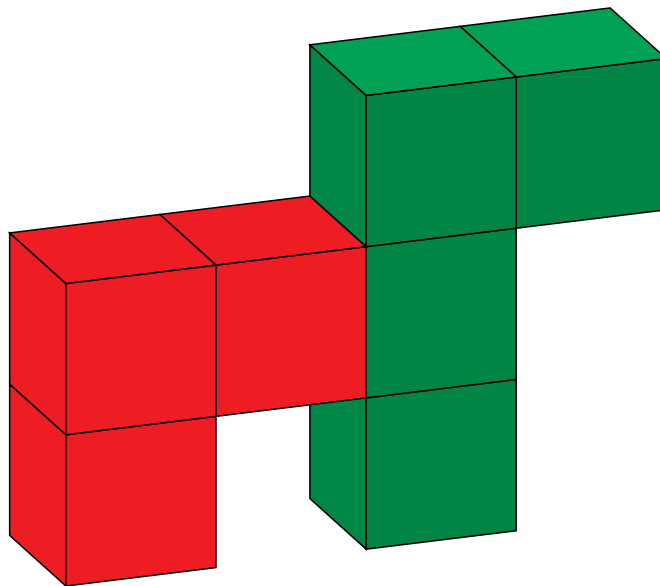




Somafiguren

Aufgabe: Baue den Hund aus zwei Somateilen.

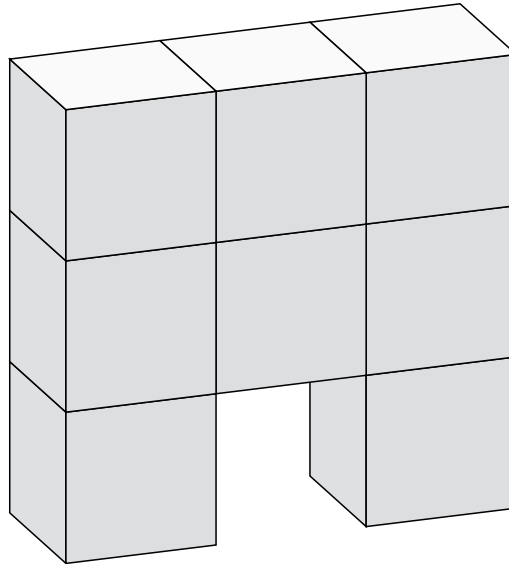






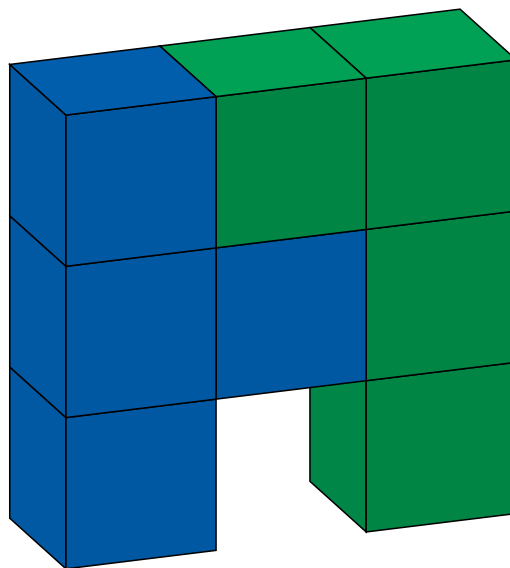
Somafiguren

Aufgabe: Baue das Mauselloch aus zwei Somateilen.



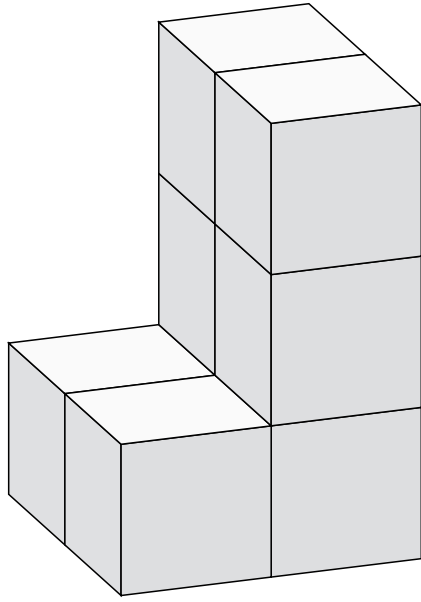
Mauselloch





Somafiguren

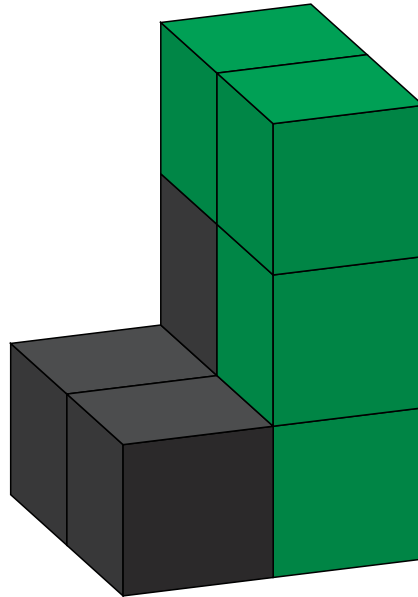
Aufgabe: Baue den Stuhl aus zwei Somateilen.



Stuhl



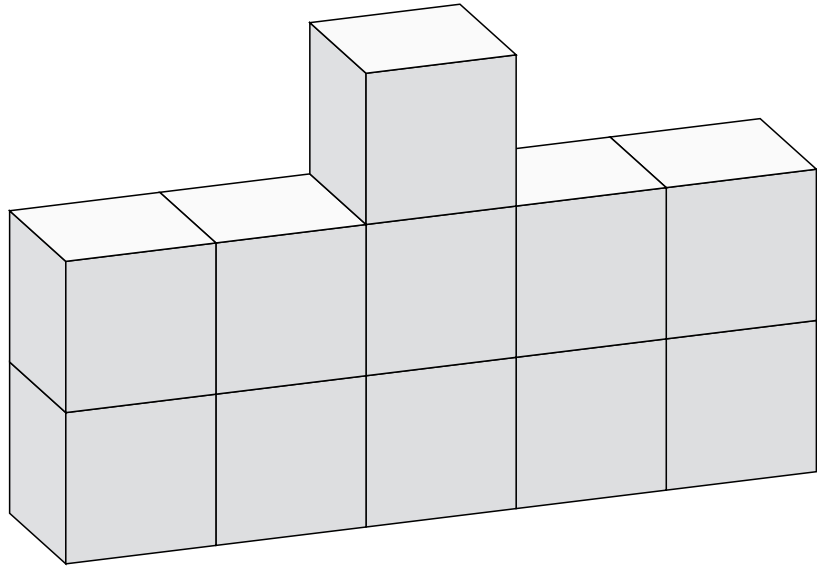
Eine mögliche Lösung





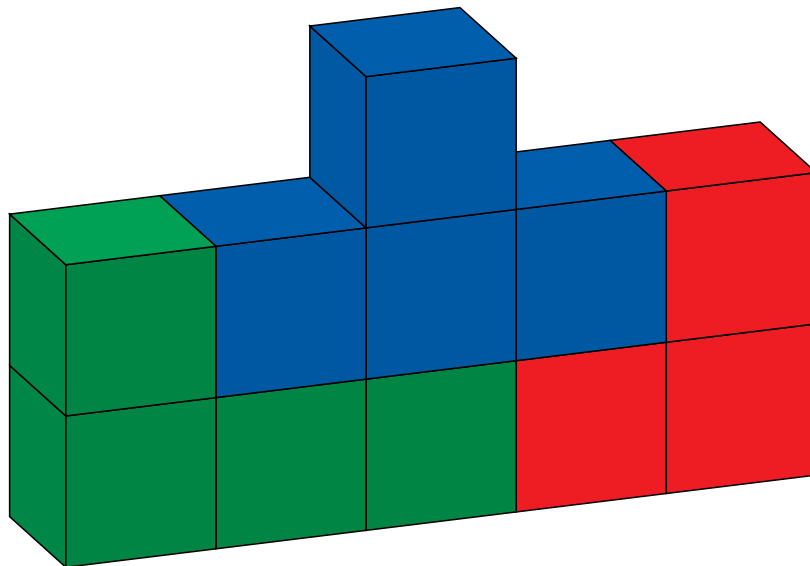
Somafiguren

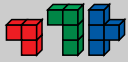
Aufgabe: Baue den Topfdeckel aus drei Somateilen.



Topfdeckel

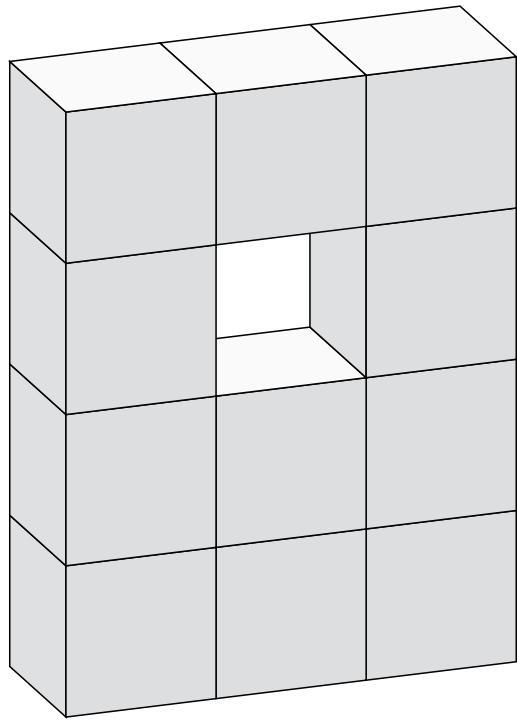


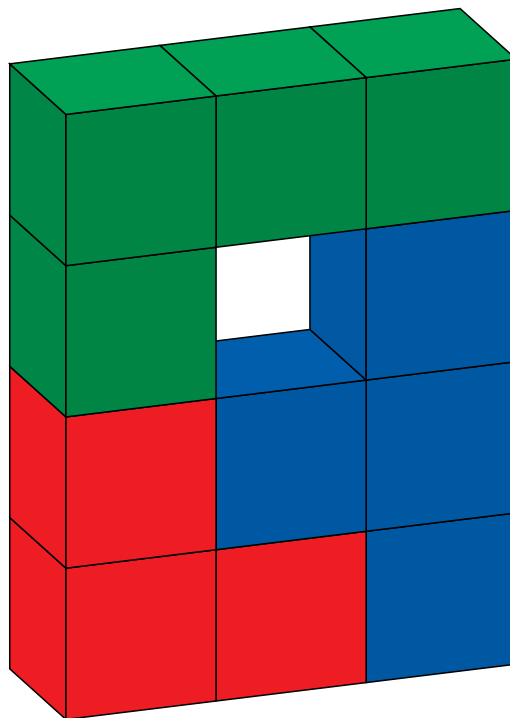


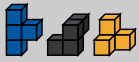


Somafiguren

Aufgabe: Baue das Schlüsselloch aus drei Somateilen.

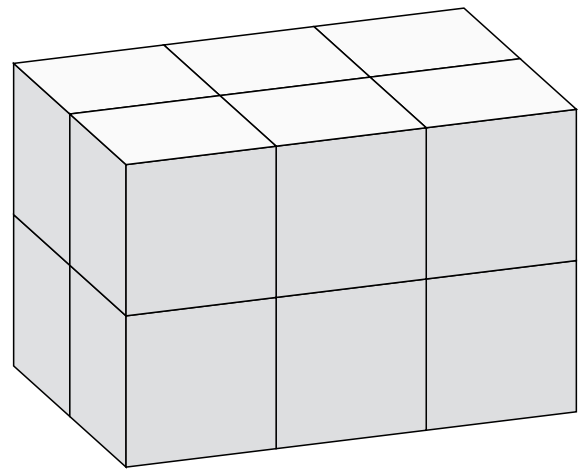


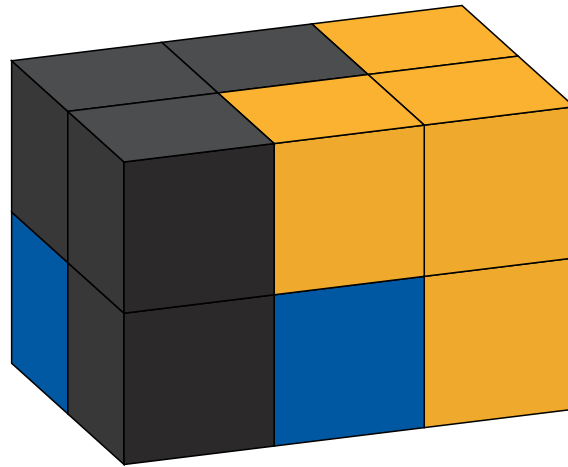




Somafiguren

Aufgabe: Baue die Box aus drei Somateilen.

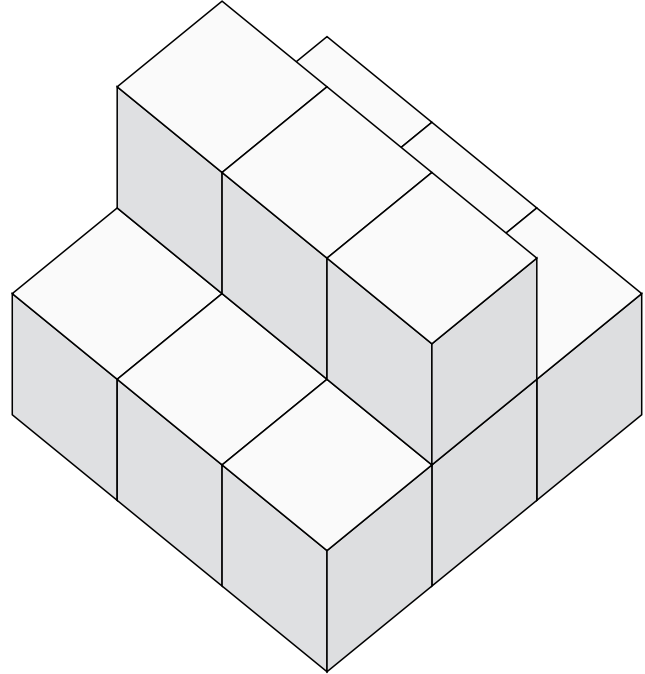






Somafiguren

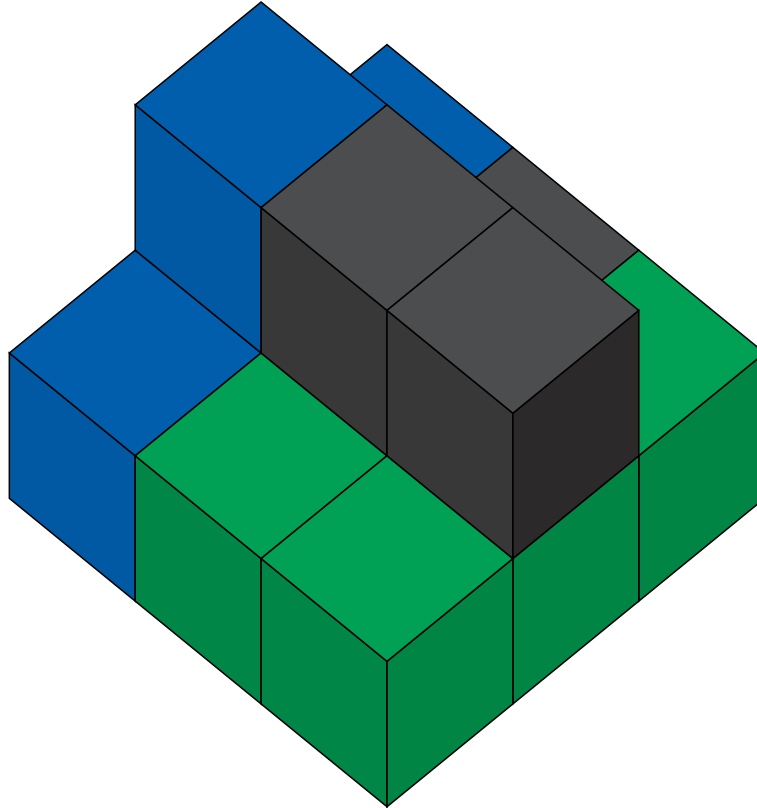
Aufgabe: Baue die Parkbank aus drei Somateilen.



Parkbank



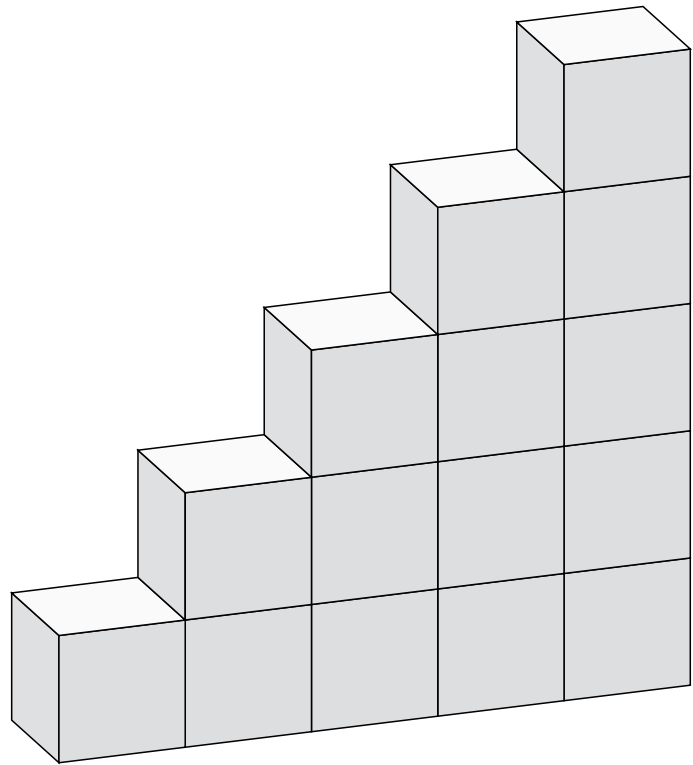
Eine mögliche Lösung





Somafiguren

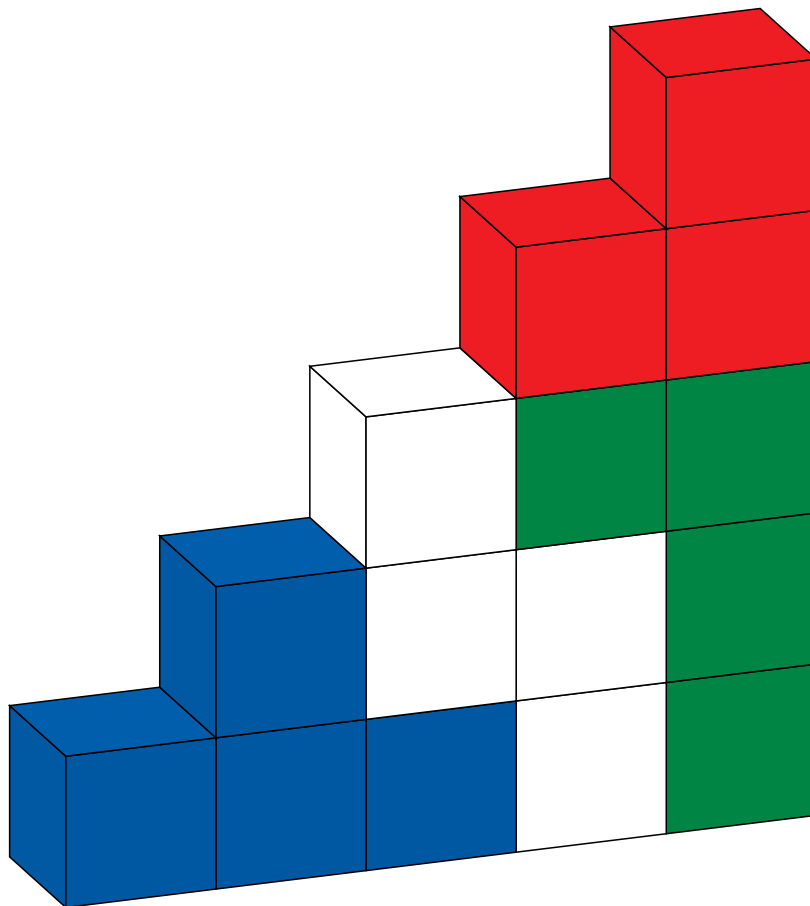
Aufgabe: Baue die Treppe aus vier Somateilen.



Stufen



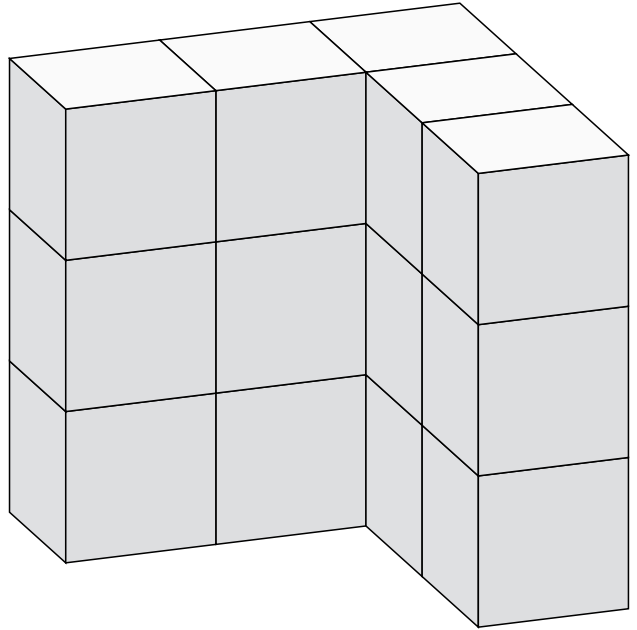
Eine mögliche Lösung





Somafiguren

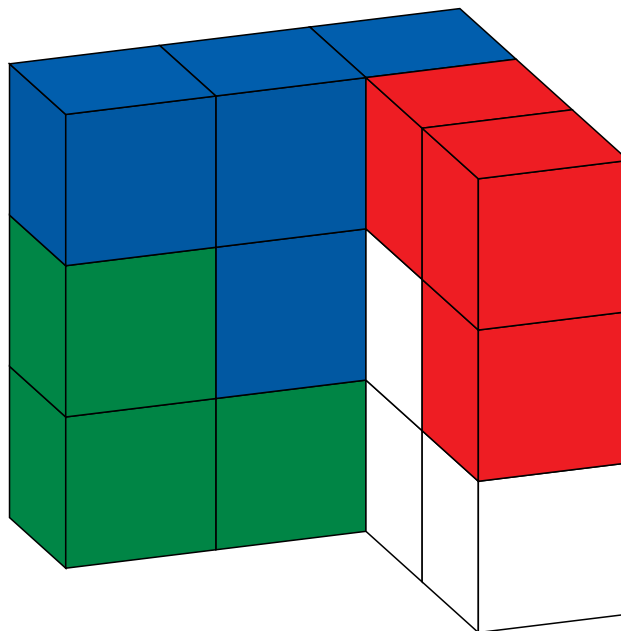
Aufgabe: Baue die Ecke aus vier Somateilen.

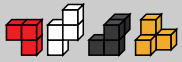


Ecke



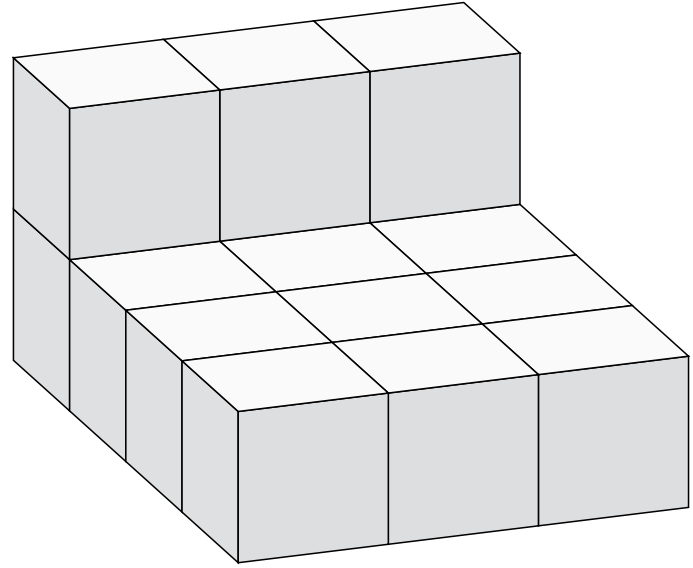
Eine mögliche Lösung





Somafiguren

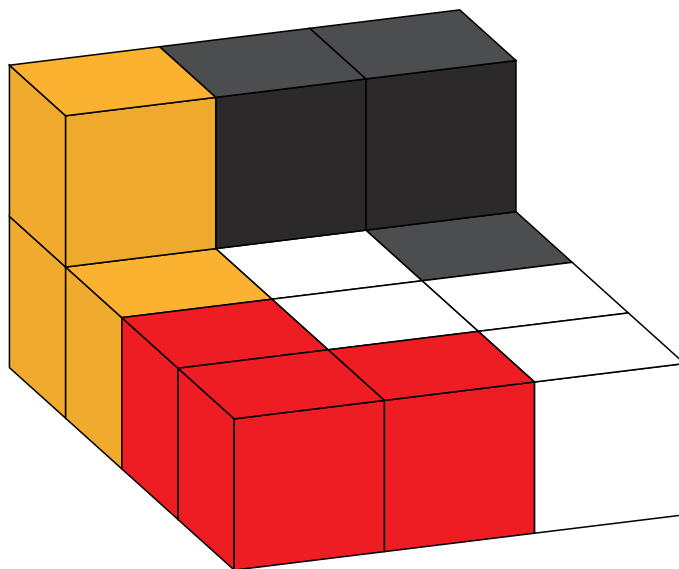
Aufgabe: Baue das Bett aus vier Somateilen.



Bett



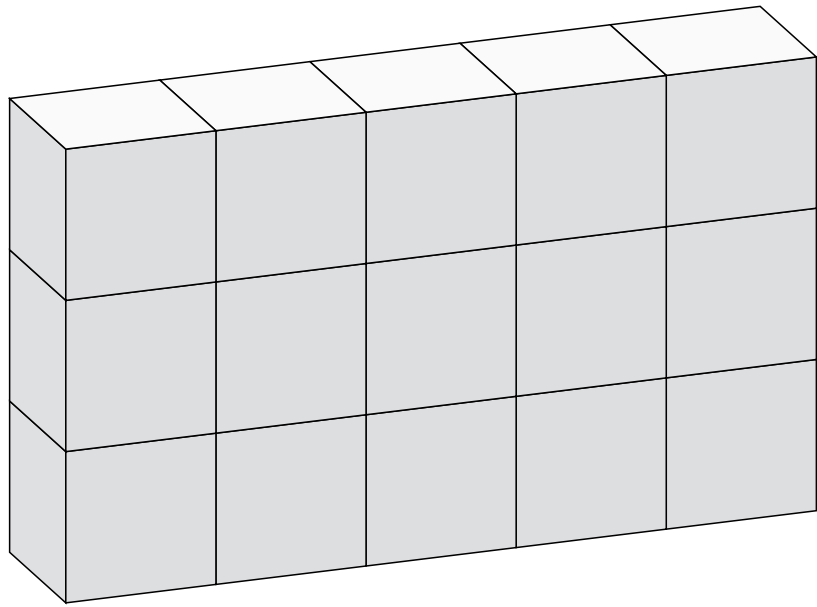
Eine mögliche Lösung





Somafiguren

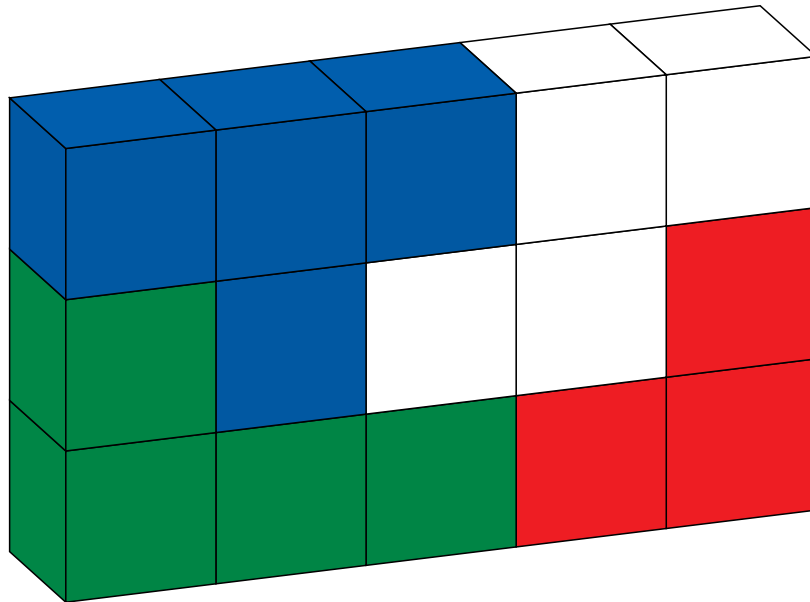
Aufgabe: Baue die Wand aus vier Somateilen.

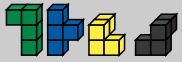


Wand



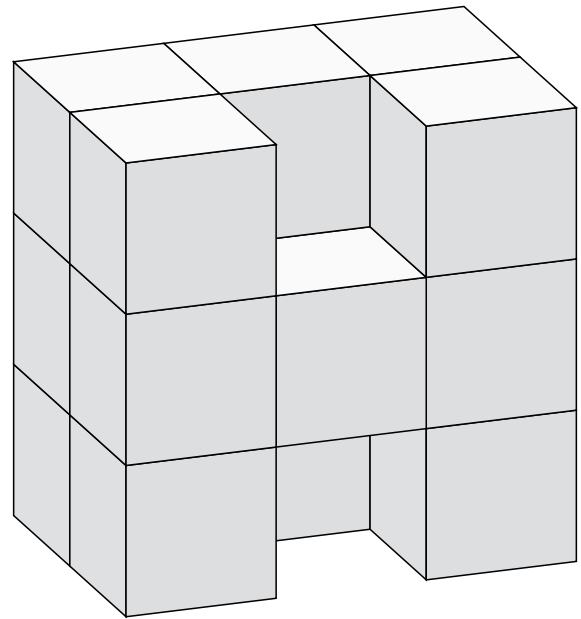
Eine mögliche Lösung

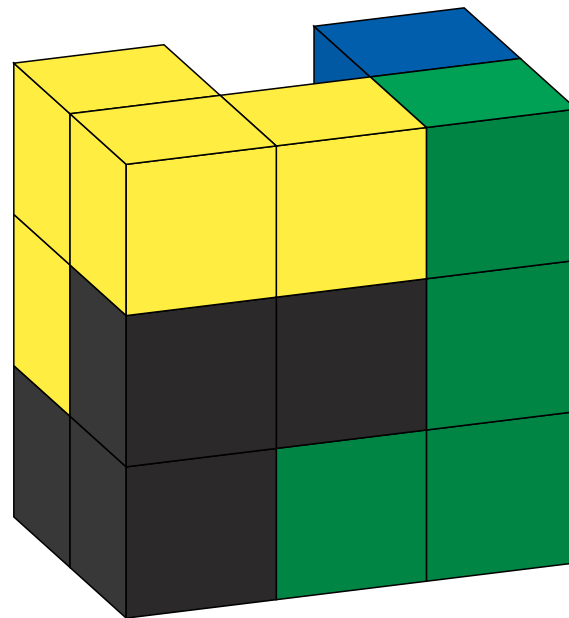
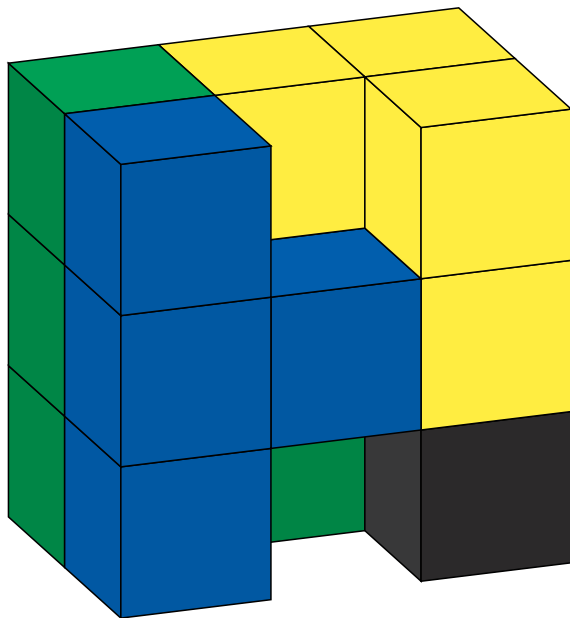




Somafiguren

Aufgabe: Baue den Buchstaben H aus vier Somateilen.

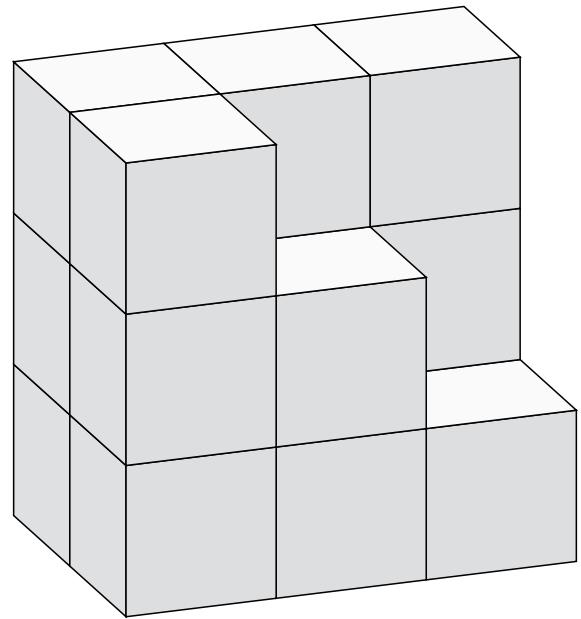






Somafiguren

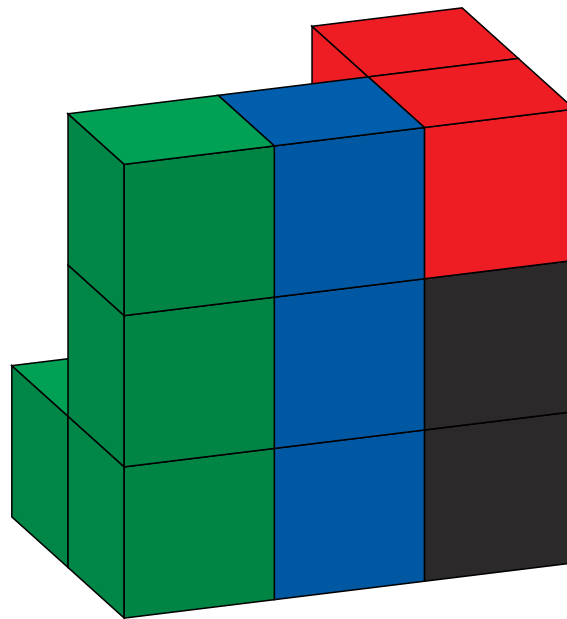
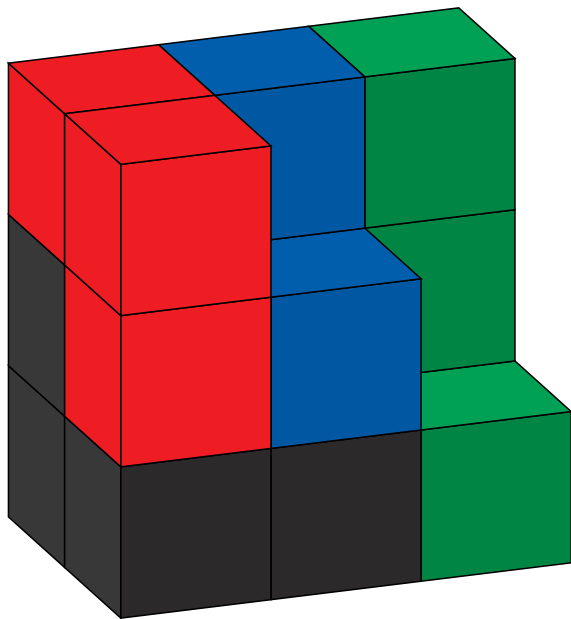
Aufgabe: Baue die Kellertreppe aus vier Somateilen.



Kellertreppe



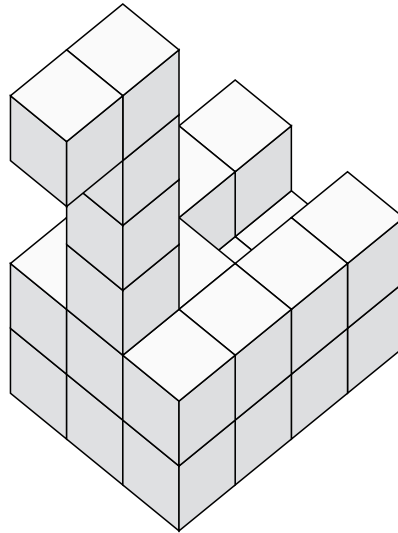
Eine mögliche Lösung



Somafiguren

15

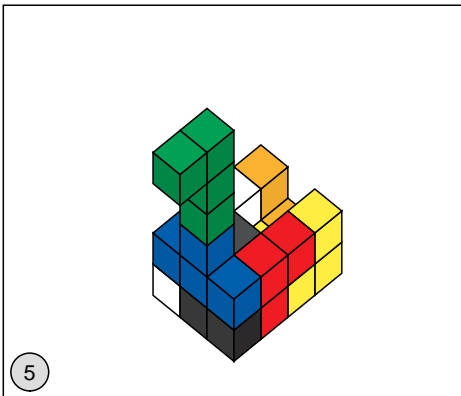
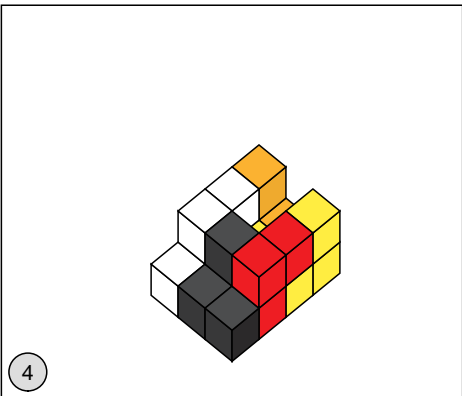
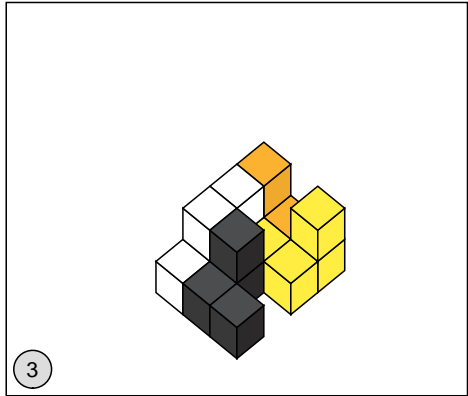
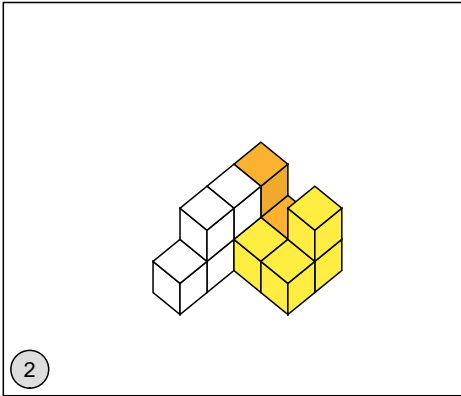
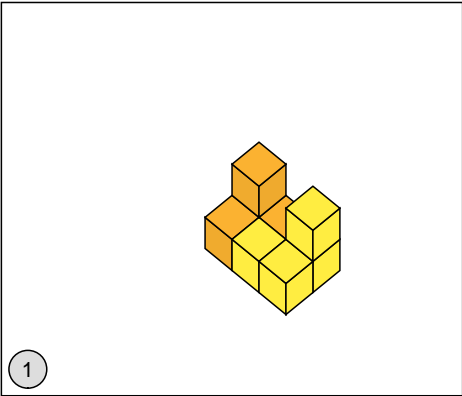
Aufgabe: Baue den Schwan aus allen sieben Somateilen.



Schwan



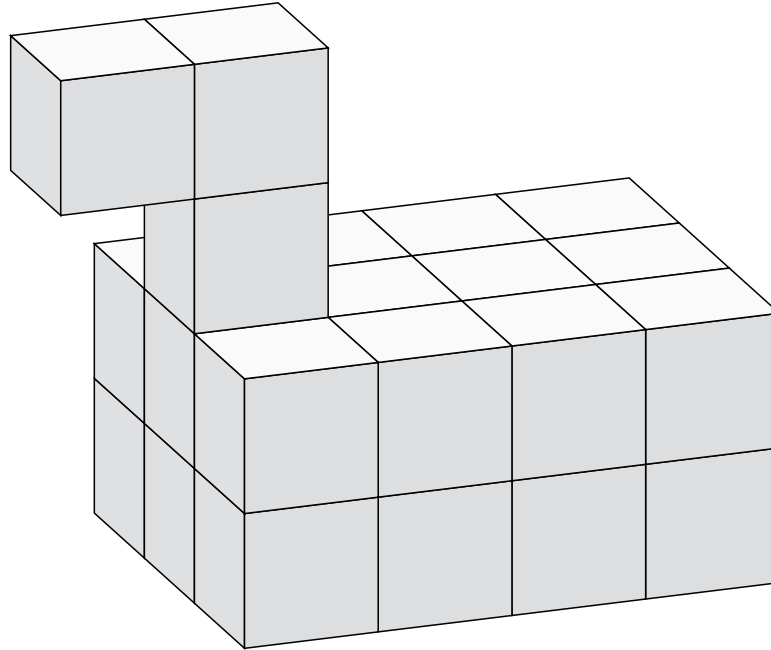
Eine mögliche Lösung



Somafiguren

16

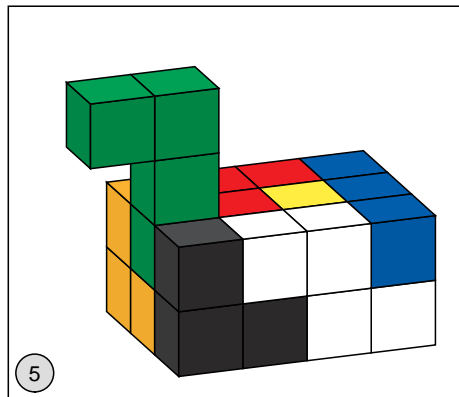
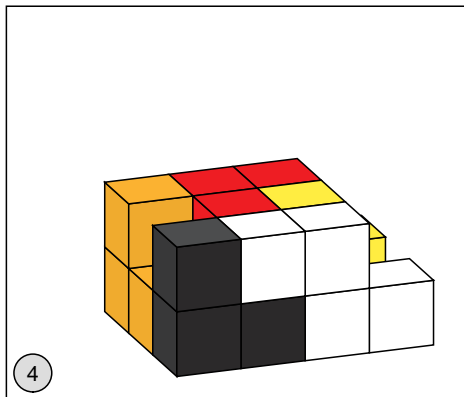
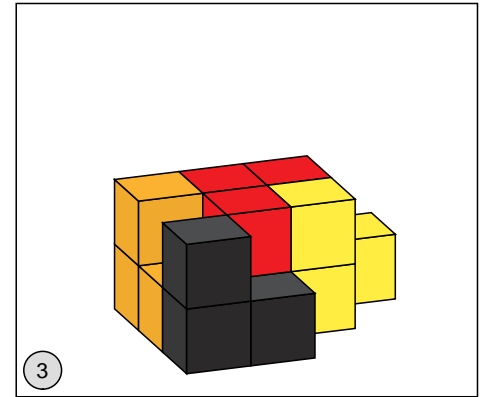
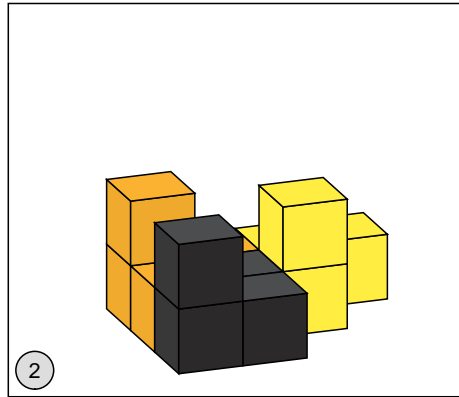
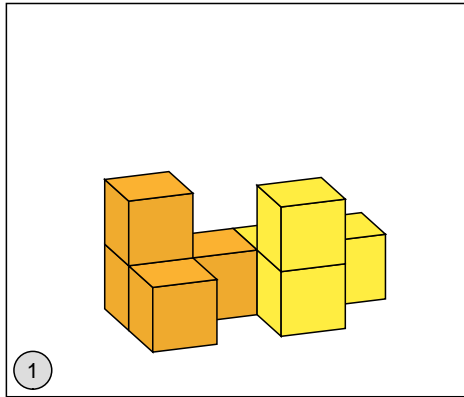
Aufgabe: Baue die Ente aus allen sieben Somateilen.



Ente



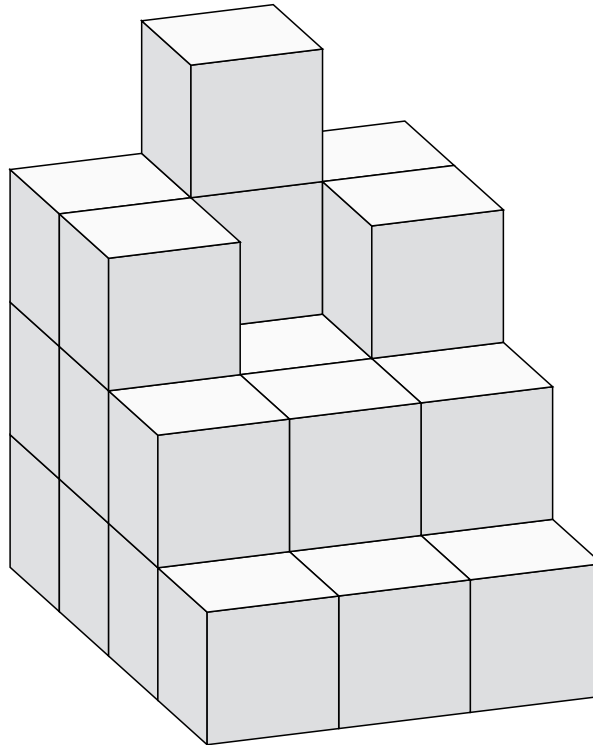
Eine mögliche Lösung



Somafiguren

17

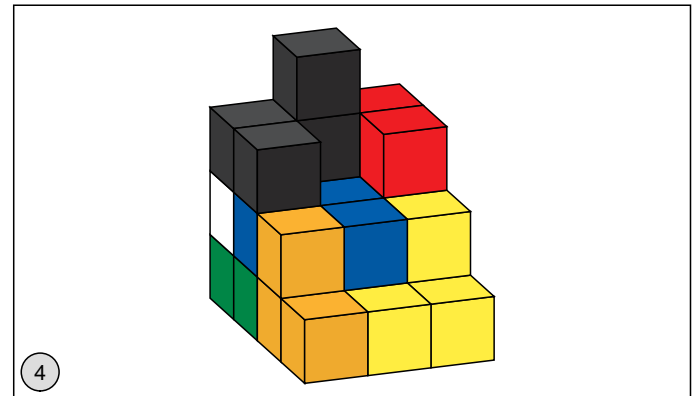
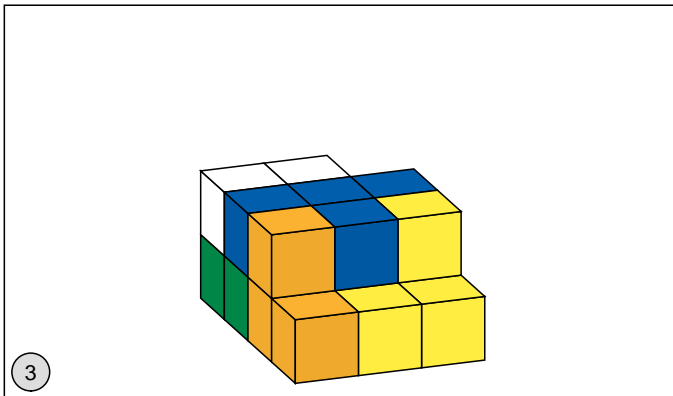
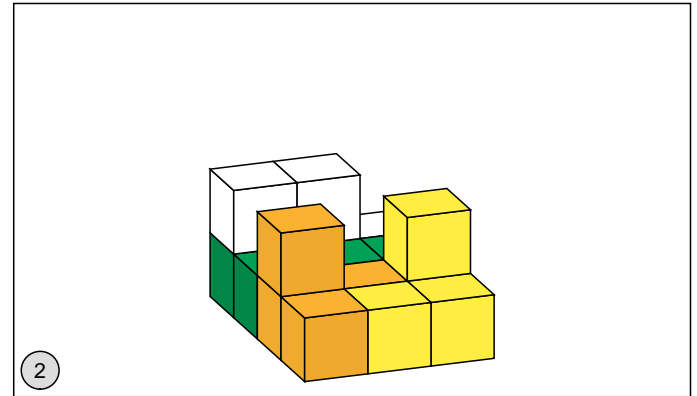
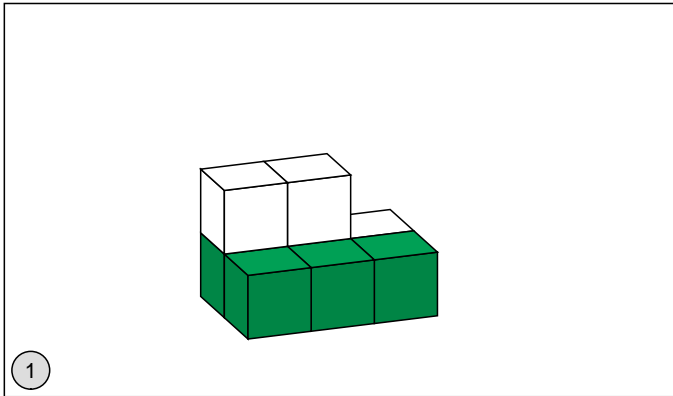
Aufgabe: Baue den Thron aus allen sieben Somateilen.



Thron



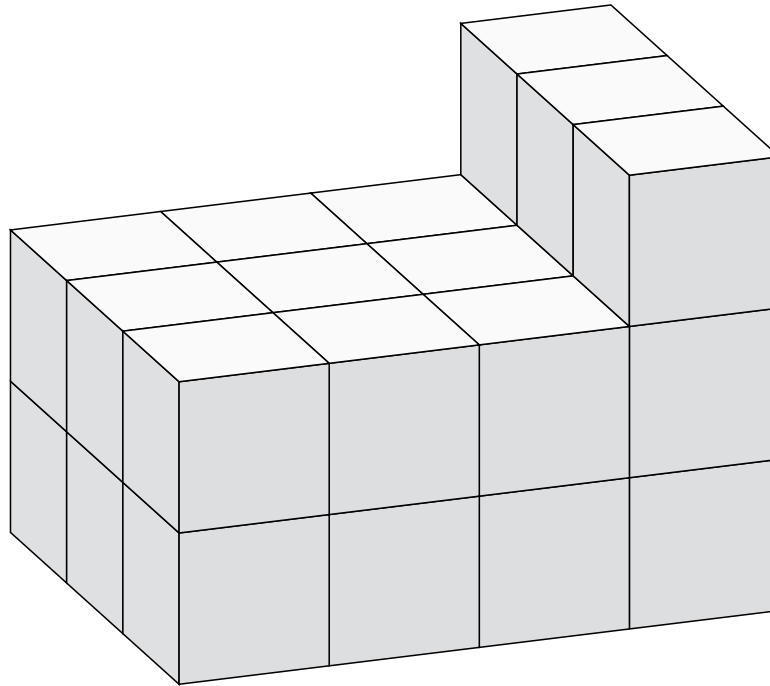
Eine mögliche Lösung



Somafiguren

18

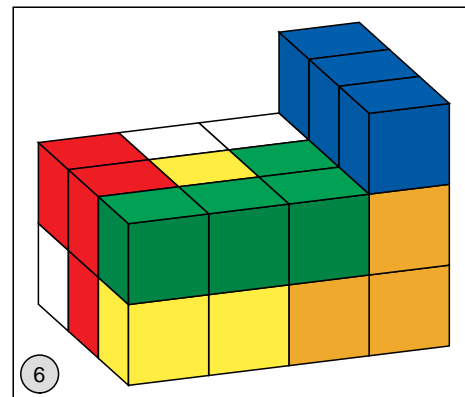
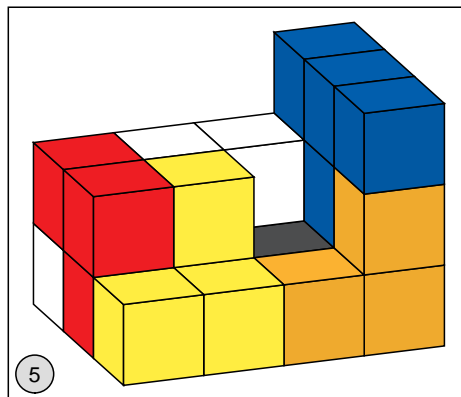
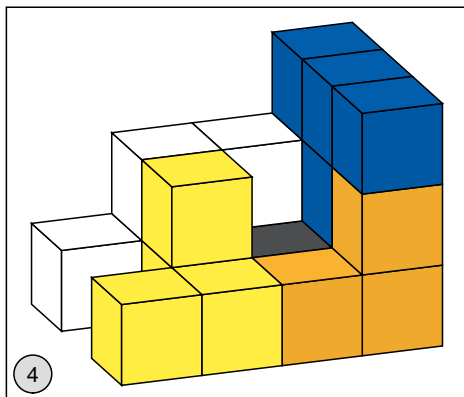
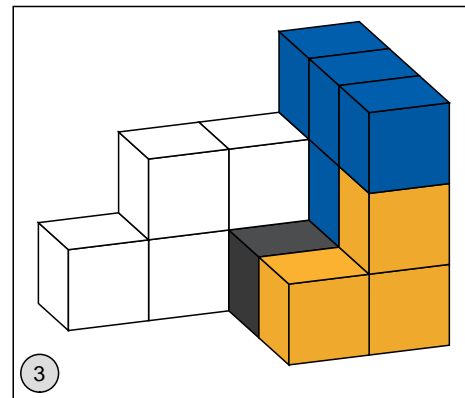
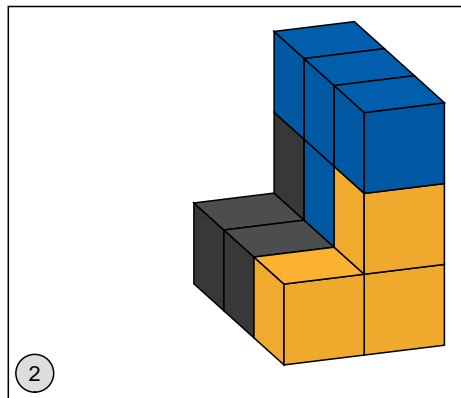
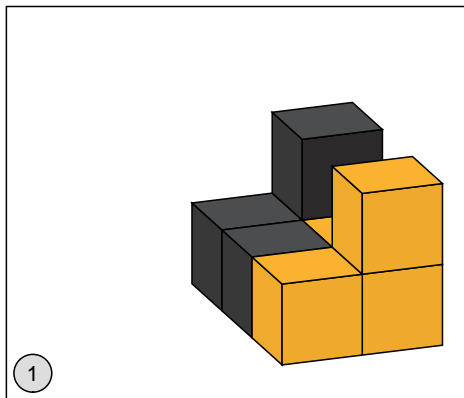
Aufgabe: Baue das kleine Bett aus allen sieben Somateilen.



Kleines Bett



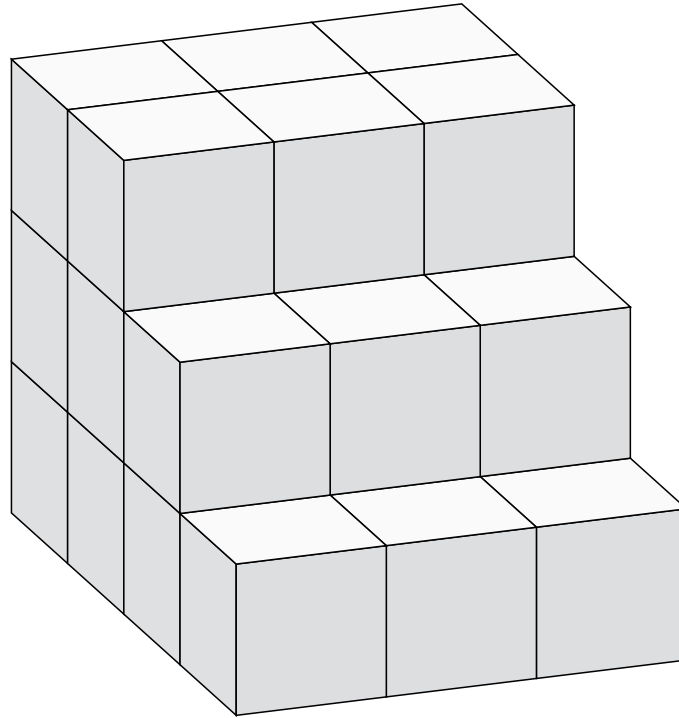
Eine mögliche Lösung



Somafiguren

19

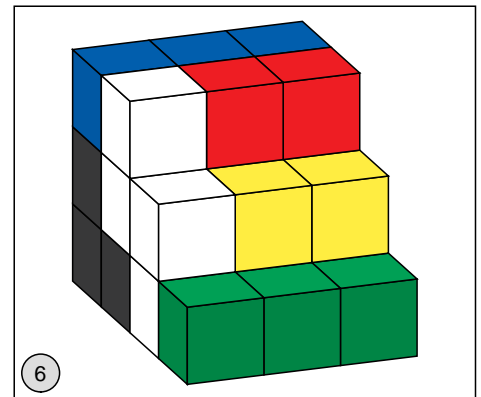
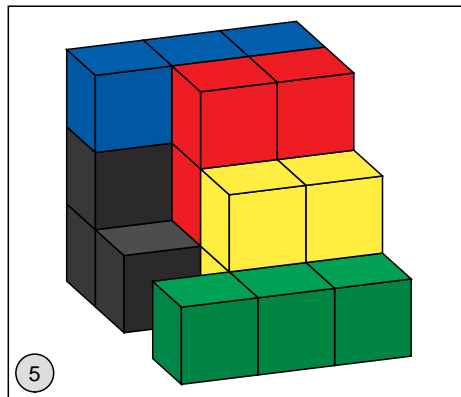
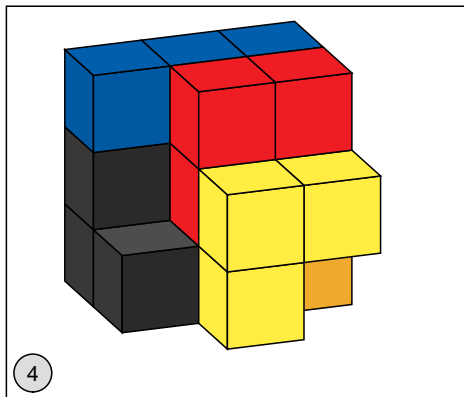
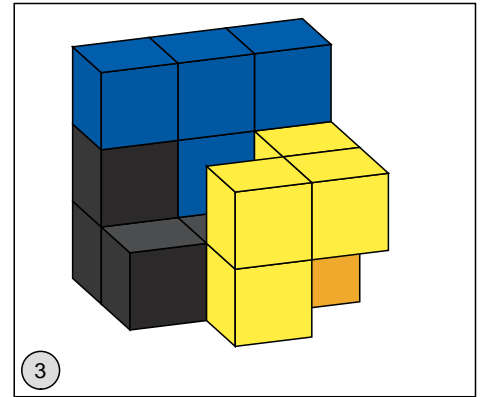
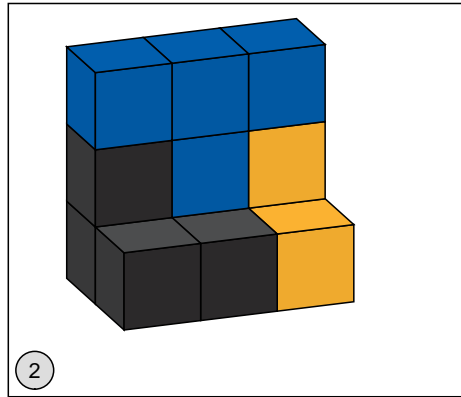
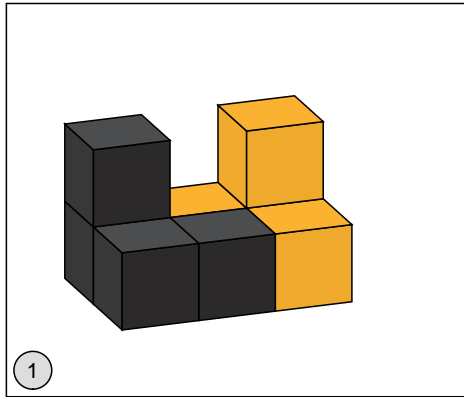
Aufgabe: Baue die Treppe aus allen sieben Somateilen.



Treppe



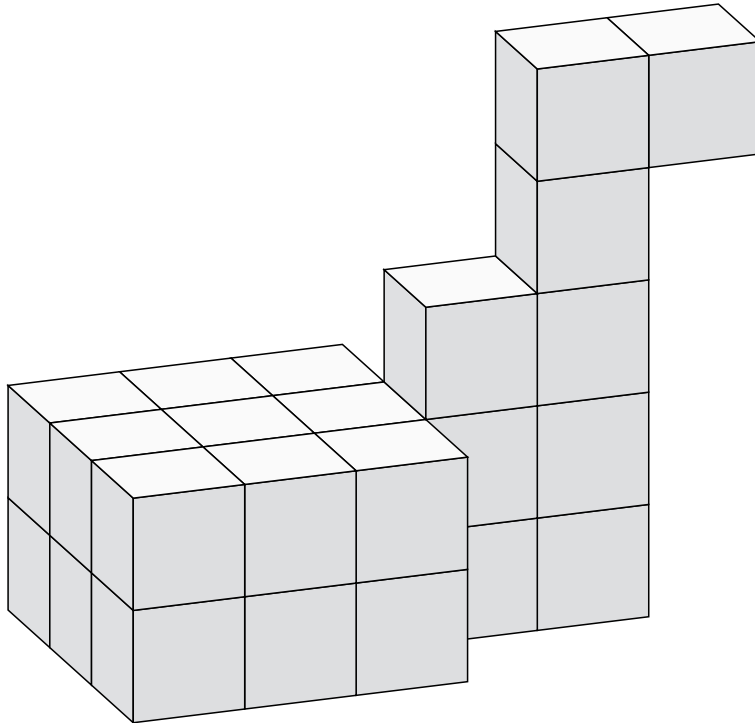
Eine mögliche Lösung



Somafiguren

20

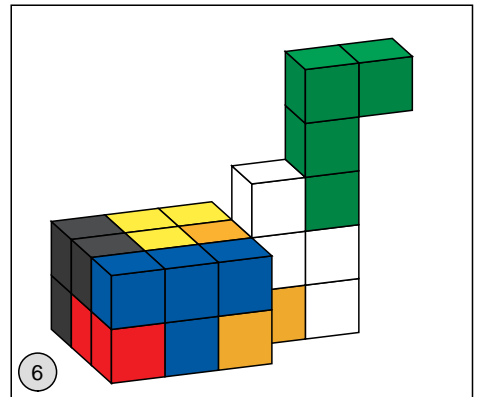
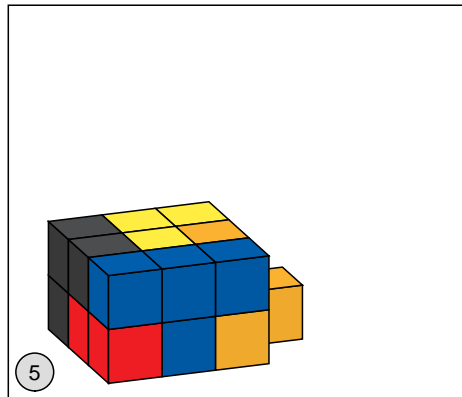
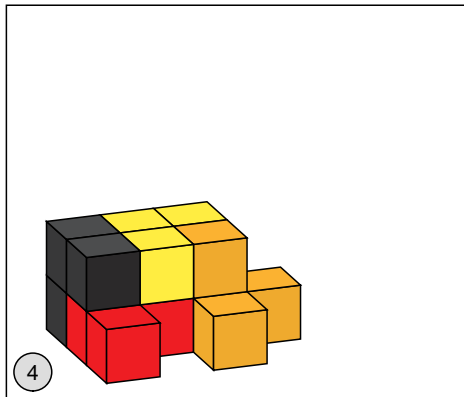
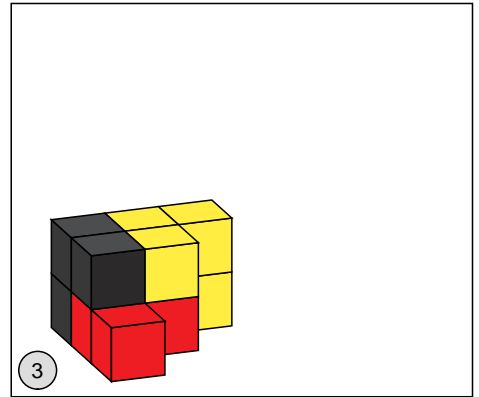
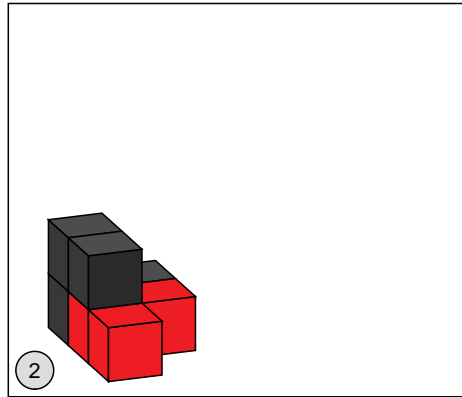
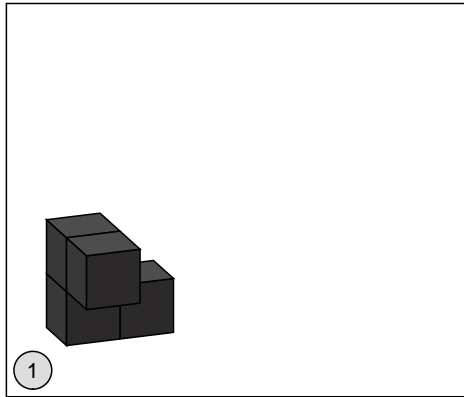
Aufgabe: Baue die Schnecke aus allen sieben Somateilen.



Schnecke



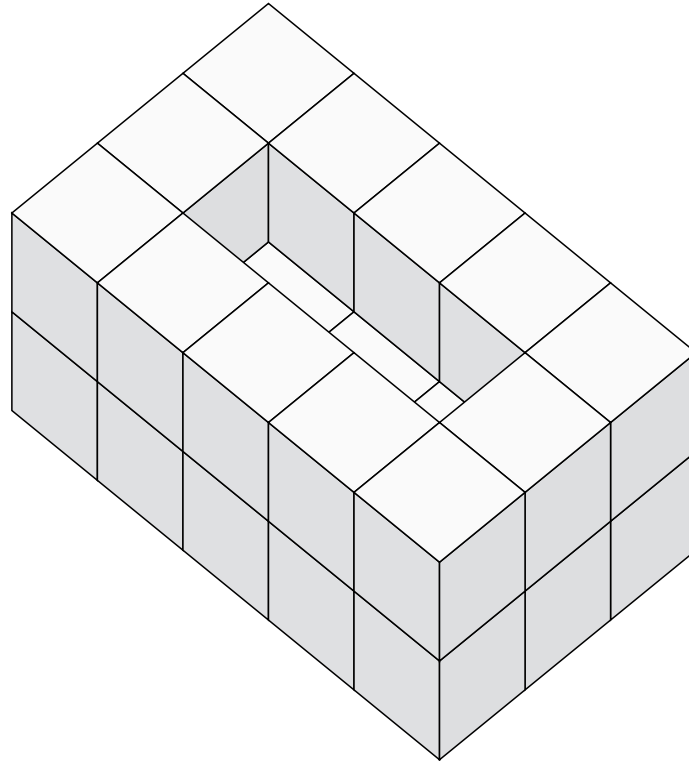
Eine mögliche Lösung



Somafiguren

21

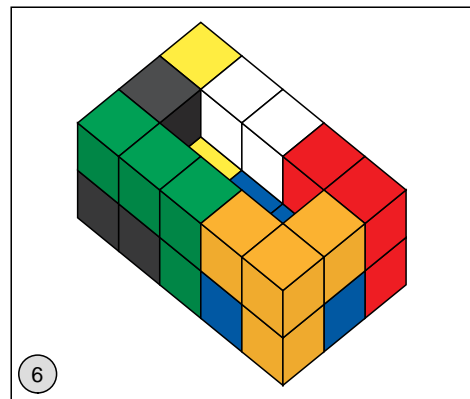
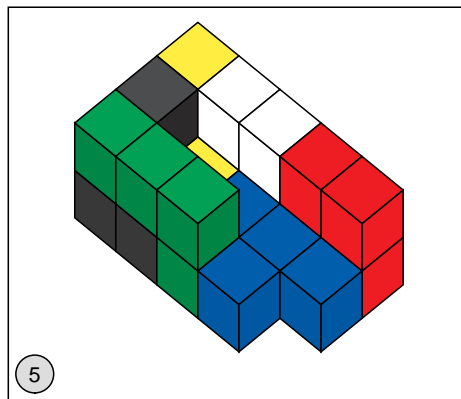
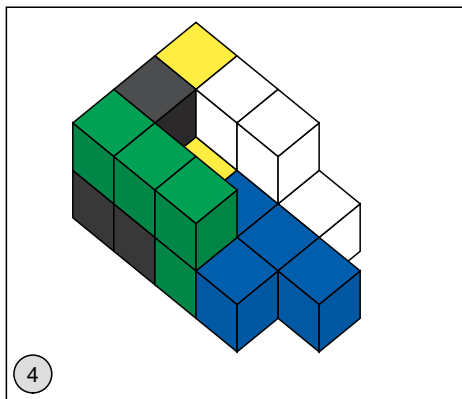
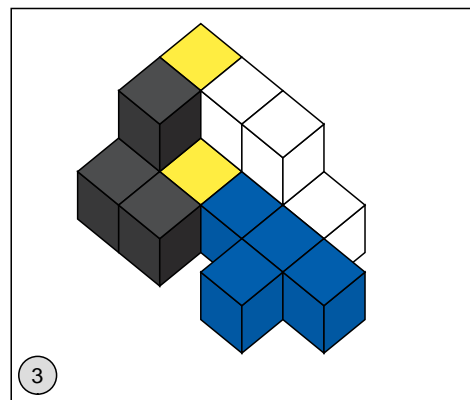
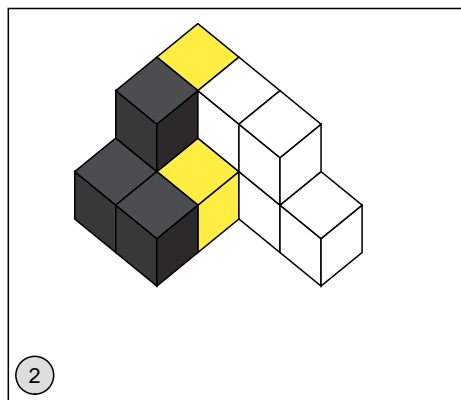
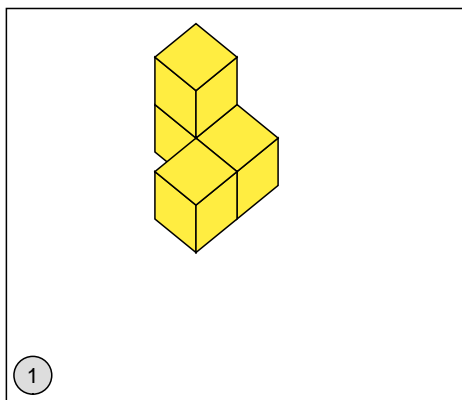
Aufgabe: Baue die Wanne aus allen sieben Somateilen.



Wanne



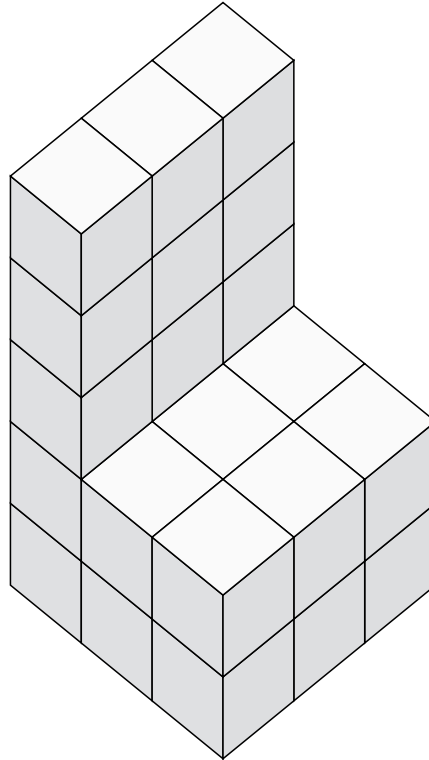
Eine mögliche Lösung



Somafiguren

22

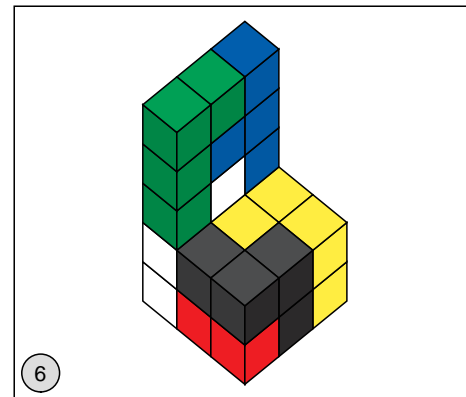
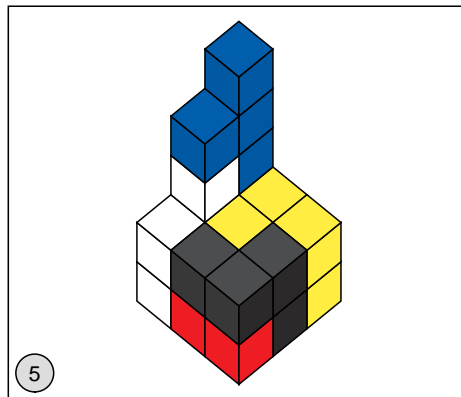
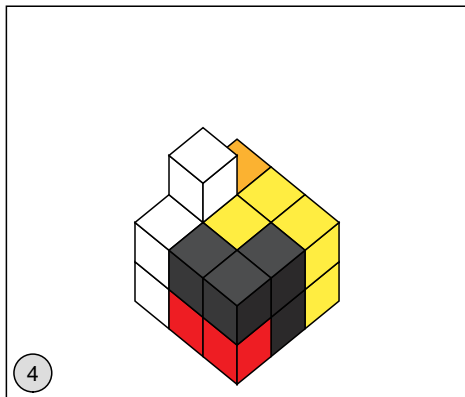
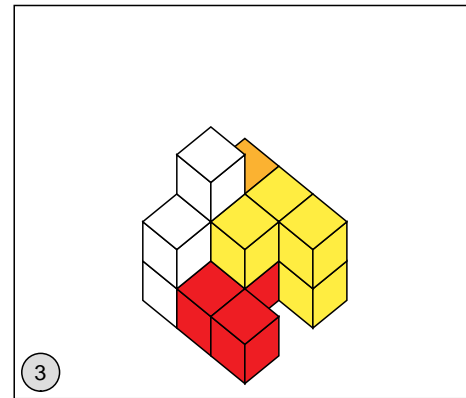
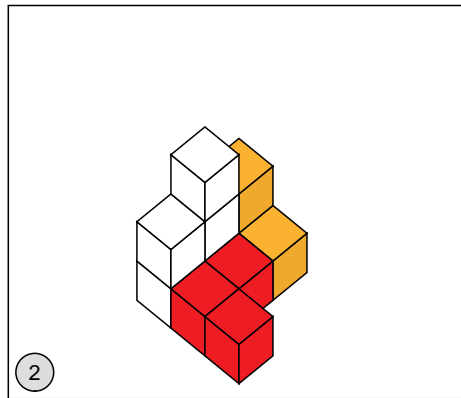
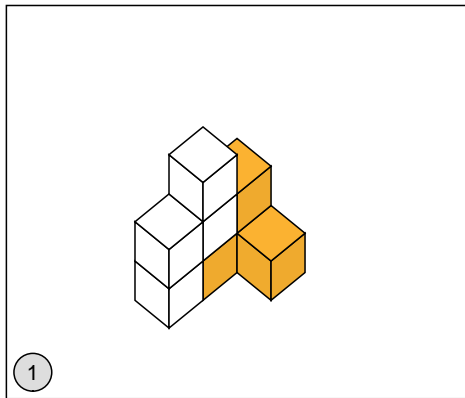
Aufgabe: Baue den Stuhl aus allen sieben Somateilen.



Stuhl



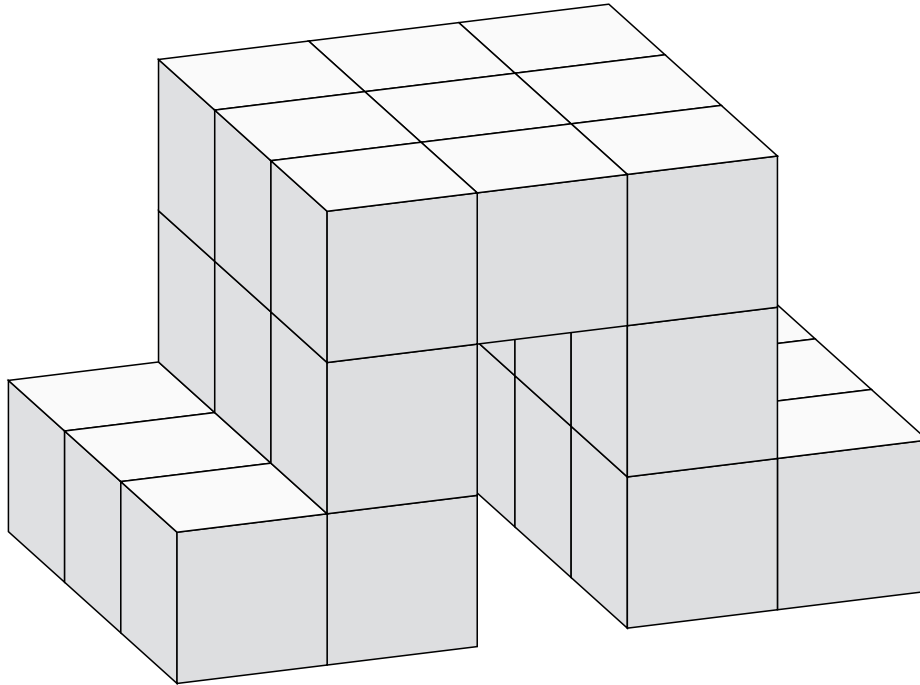
Eine mögliche Lösung



Somafiguren

23

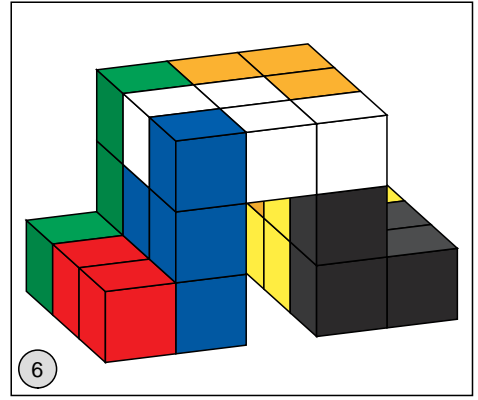
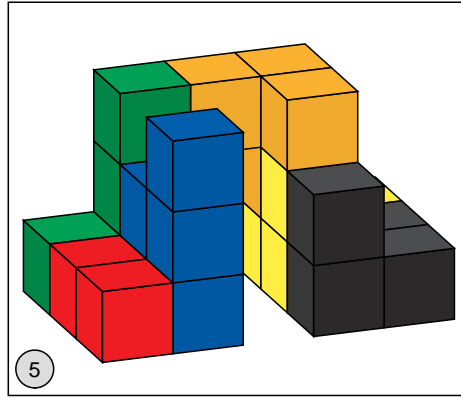
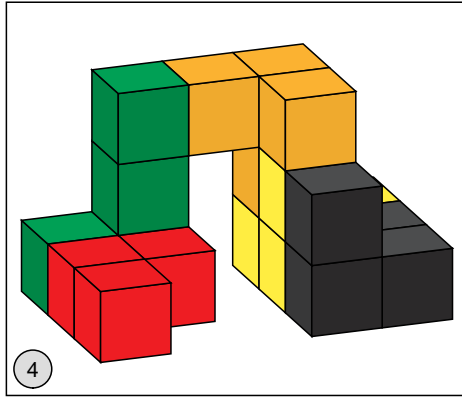
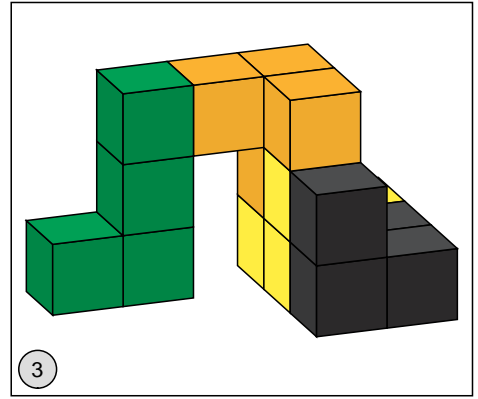
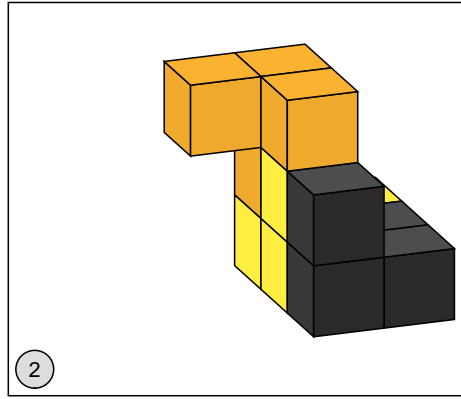
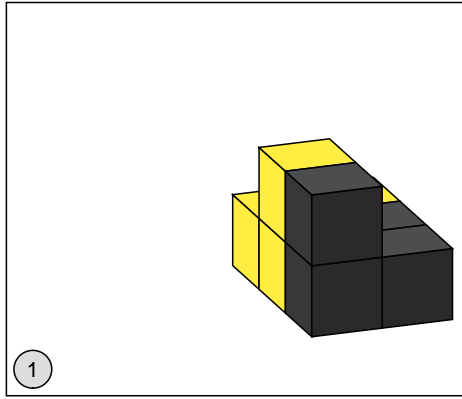
Aufgabe: Baue den Tunnel aus allen sieben Somateilen.



Tunnel



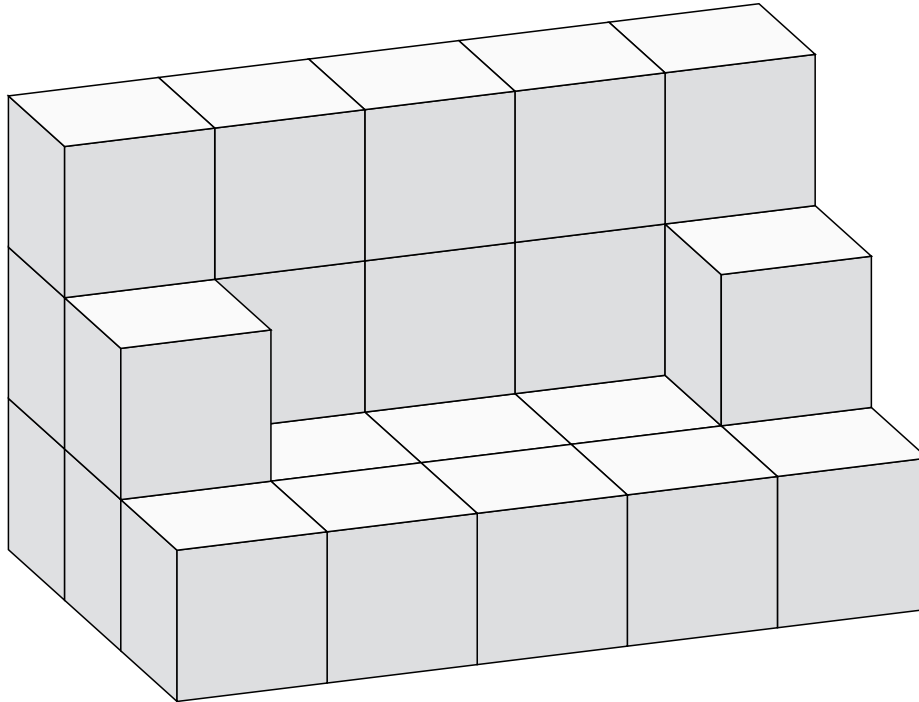
Eine mögliche Lösung



Somafiguren

24

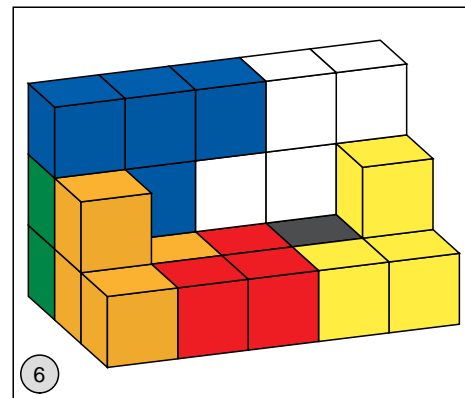
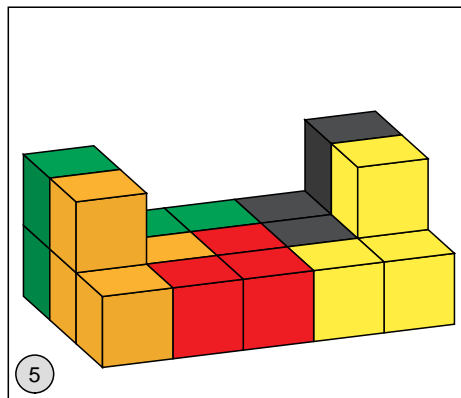
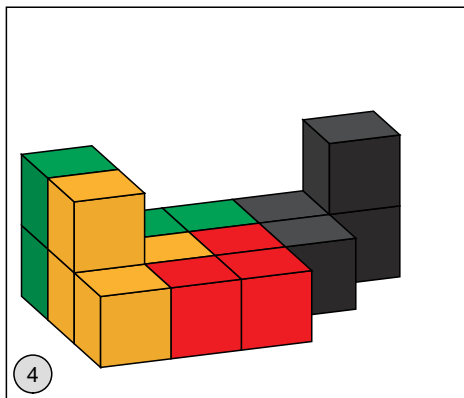
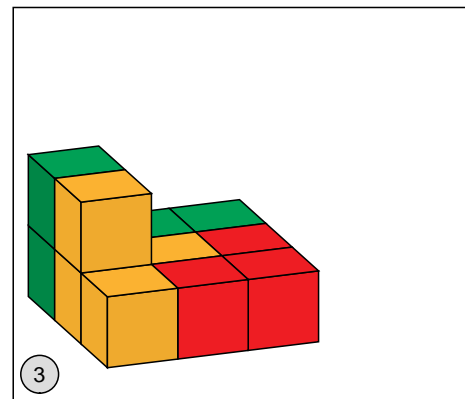
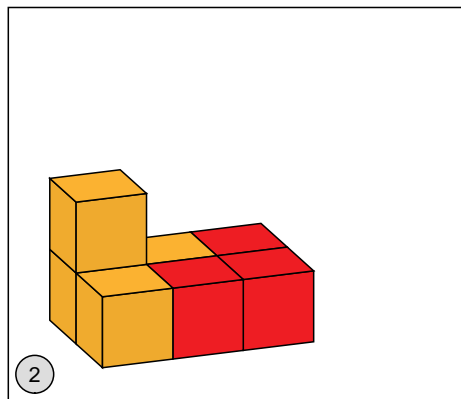
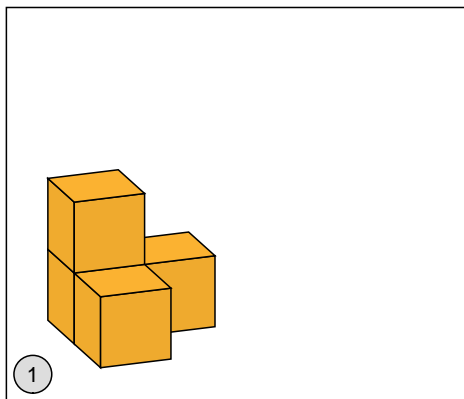
Aufgabe: Baue das Sofa aus allen sieben Somateilen.



Sofa



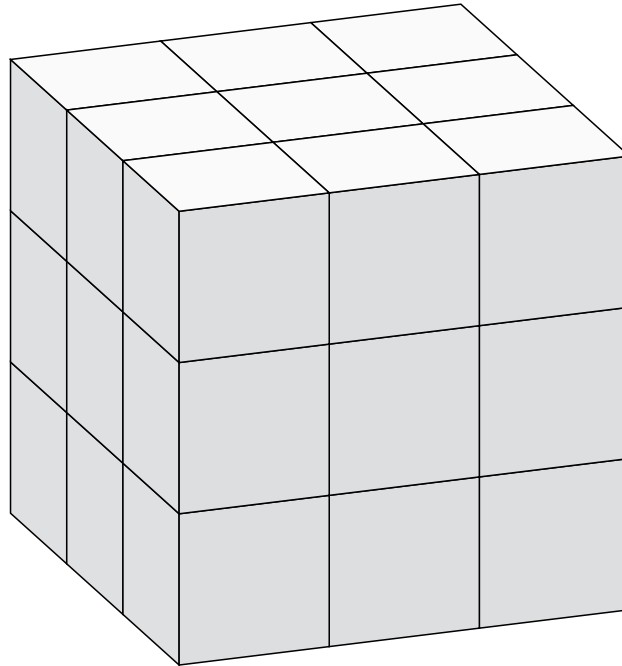
Eine mögliche Lösung



Somafiguren

25

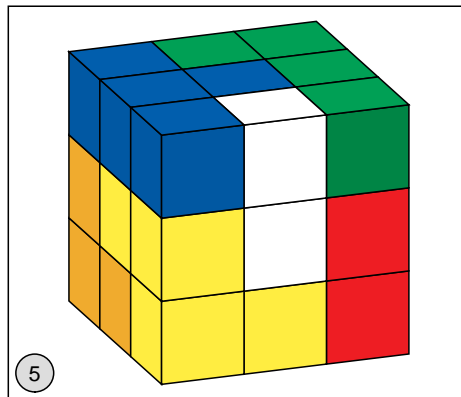
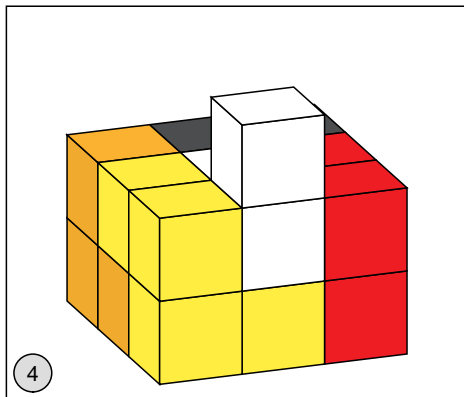
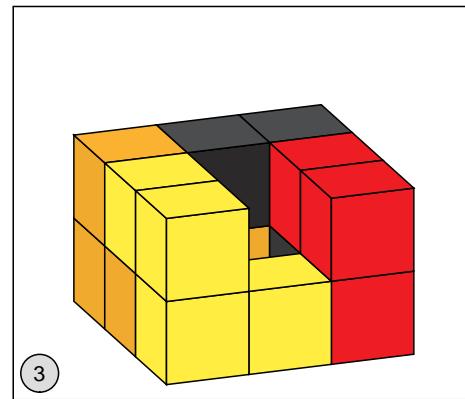
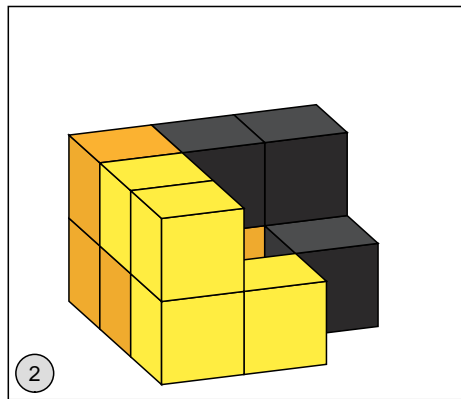
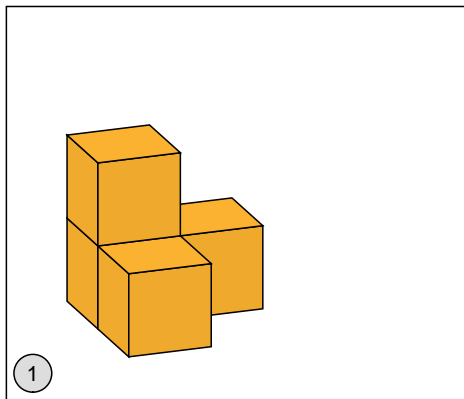
Aufgabe: Baue den Würfel aus allen sieben Somateilen.



Würfel



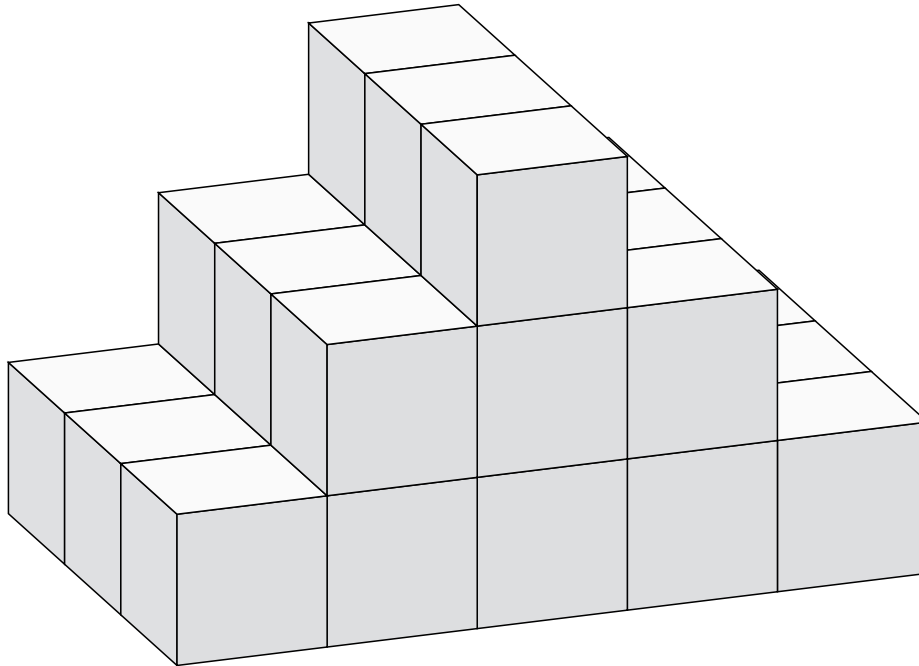
Eine mögliche Lösung



Somafiguren

26

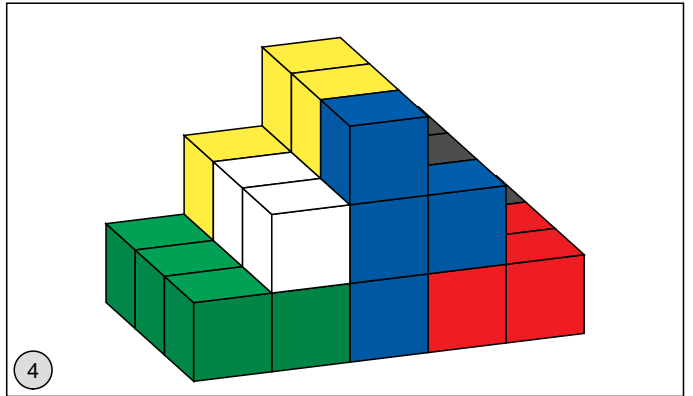
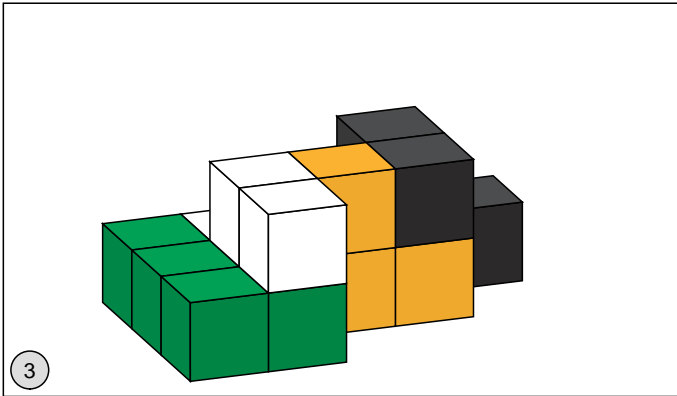
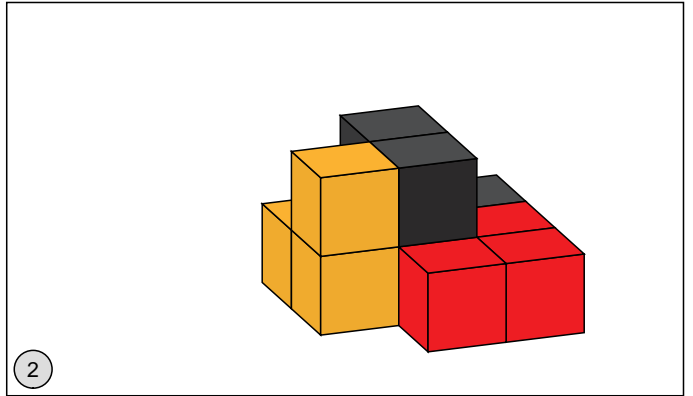
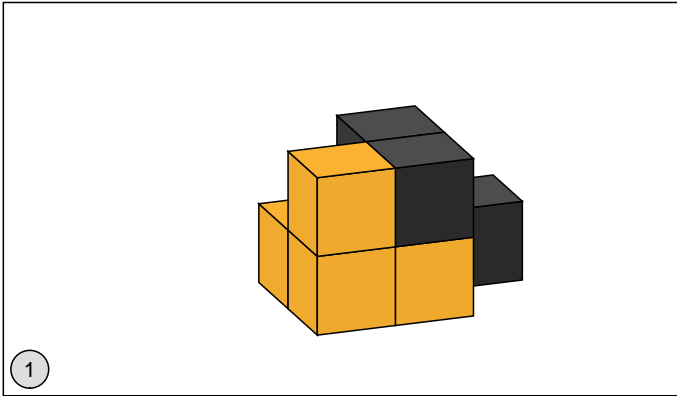
Aufgabe: Baue die Siegertreppe aus allen sieben Somateilen.



Siegertreppe



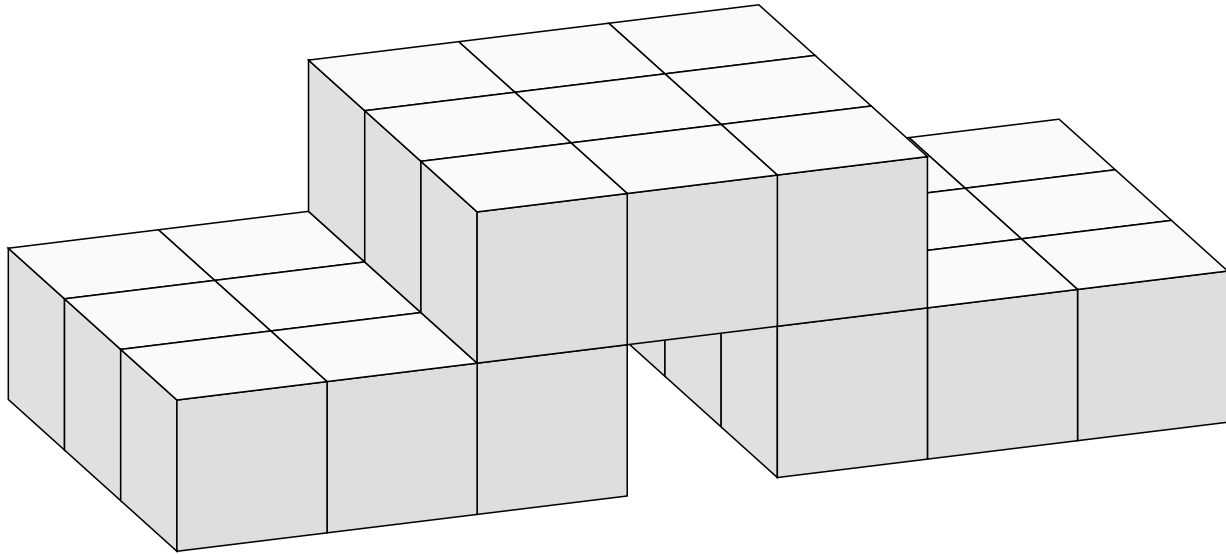
Eine mögliche Lösung



Somafiguren

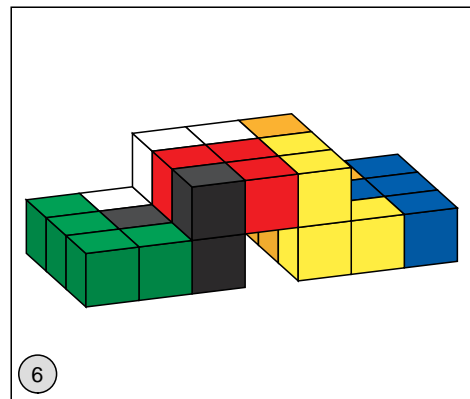
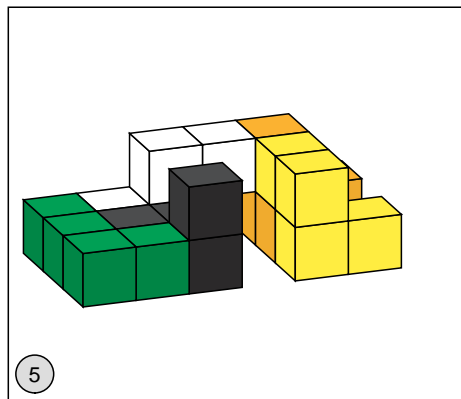
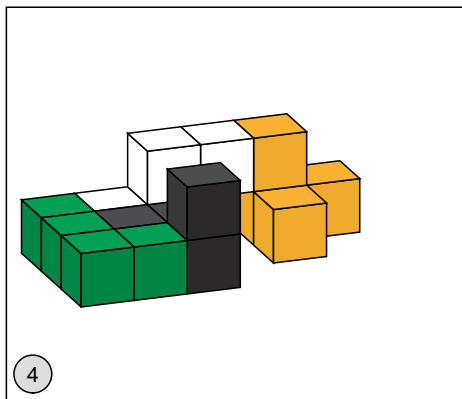
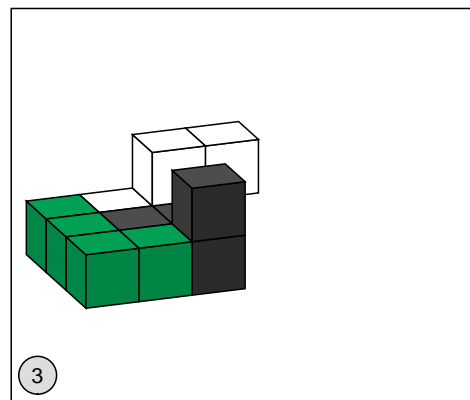
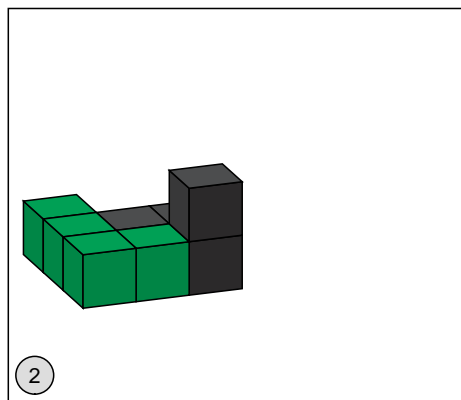
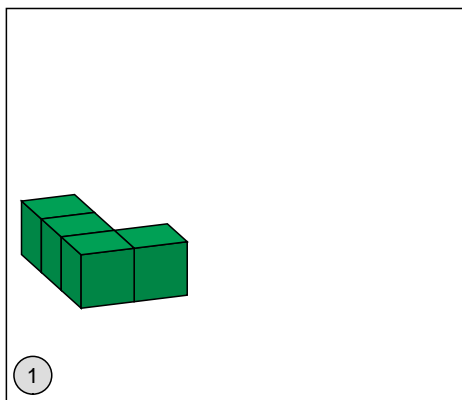
27

Aufgabe: Baue die Brücke aus allen sieben Somateilen.



Brücke

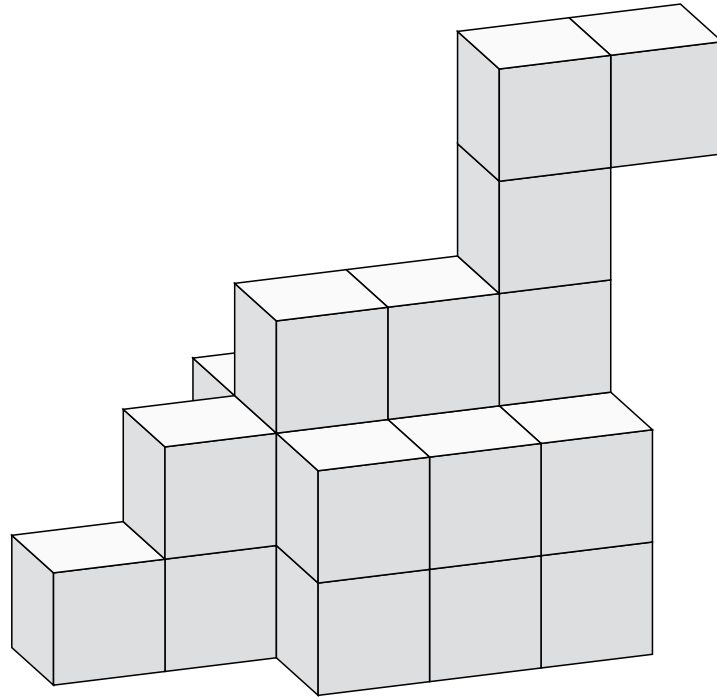




Somafiguren

28

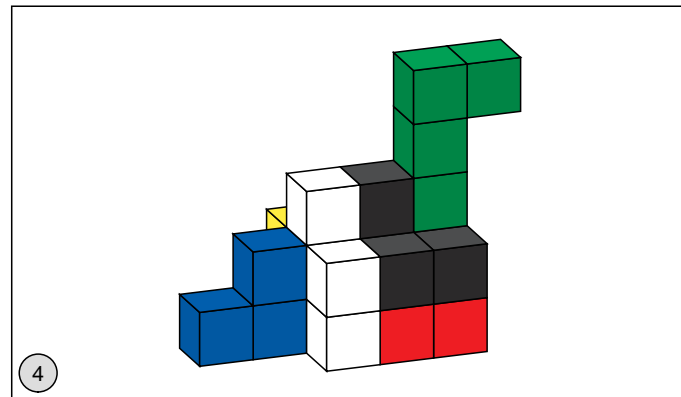
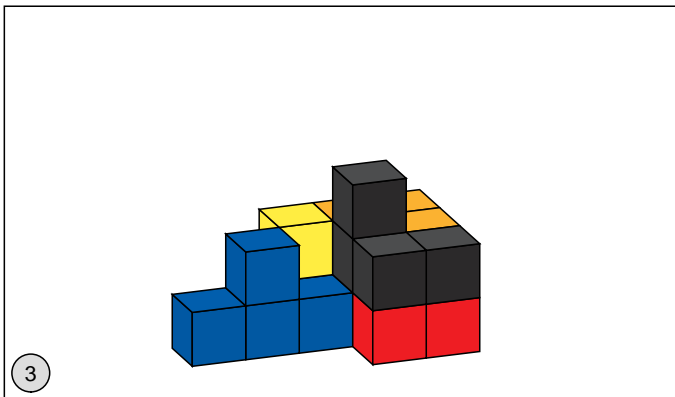
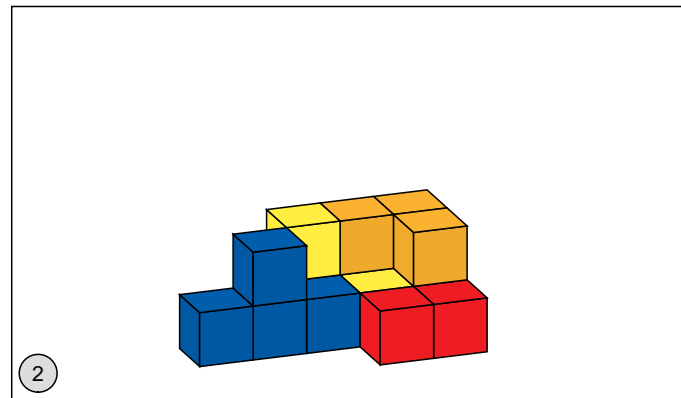
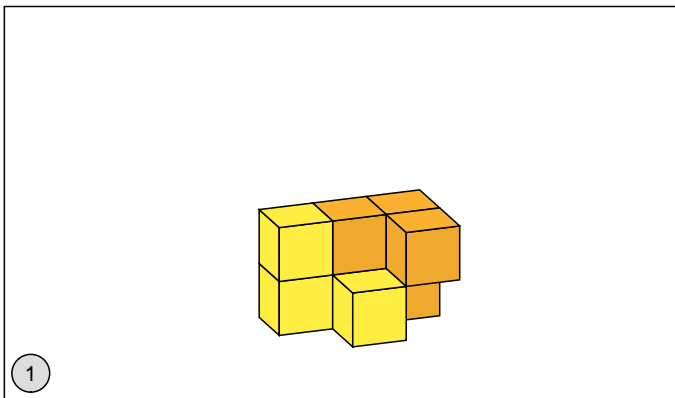
Aufgabe: Baue den Regenwurm aus allen sieben Somateilen.



Regenwurm



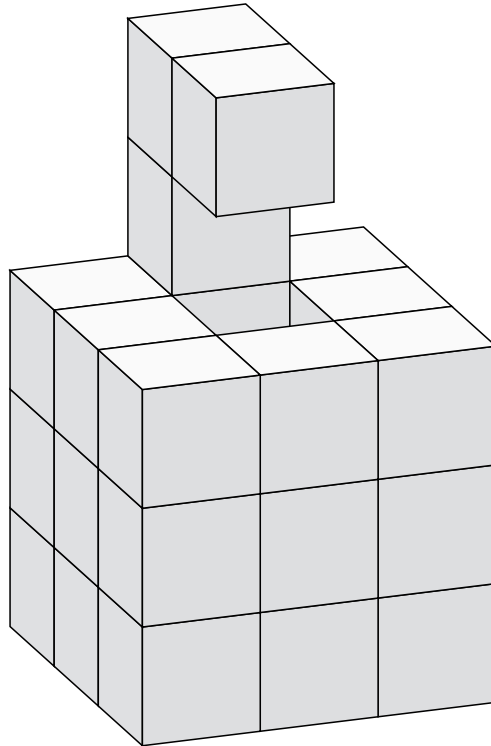
Eine mögliche Lösung



Somafiguren

29

Aufgabe: Baue den Brunnen aus allen sieben Somateilen.

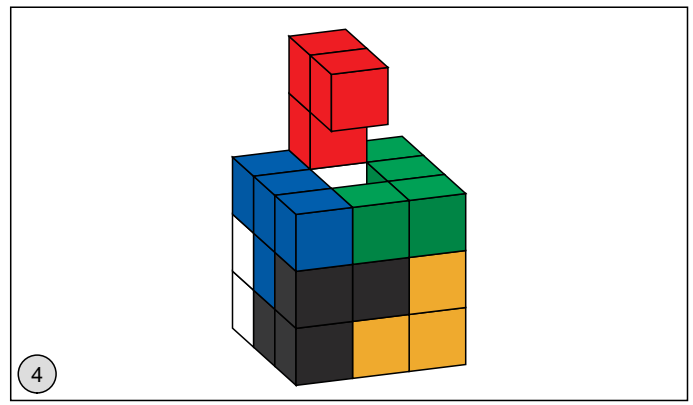
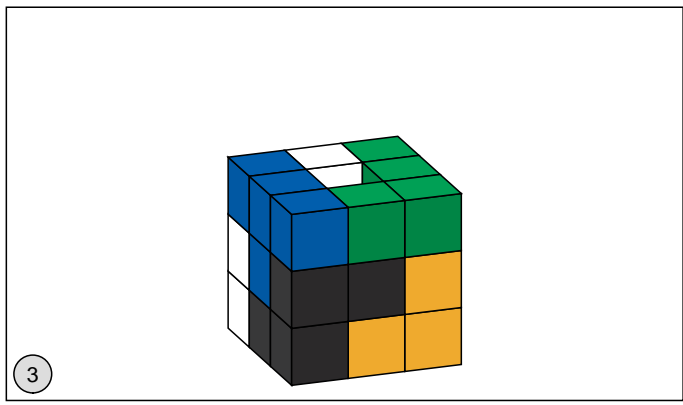
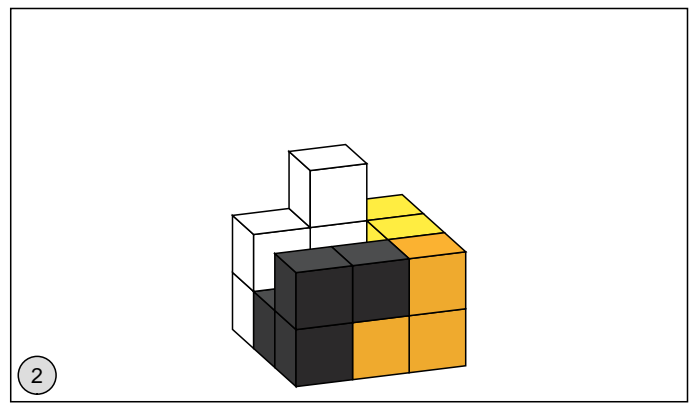
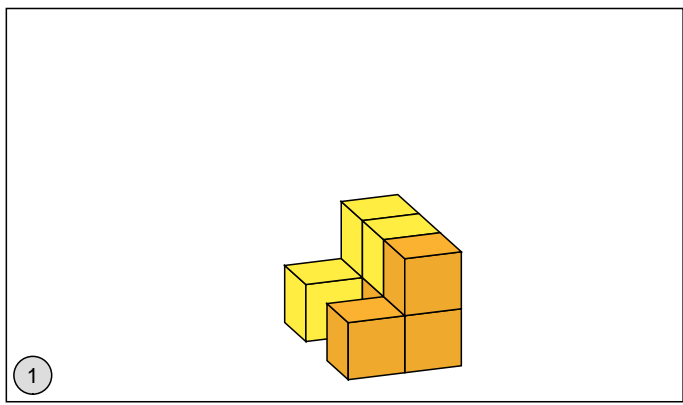


Brunnen



Idee: Lukas aus Münster

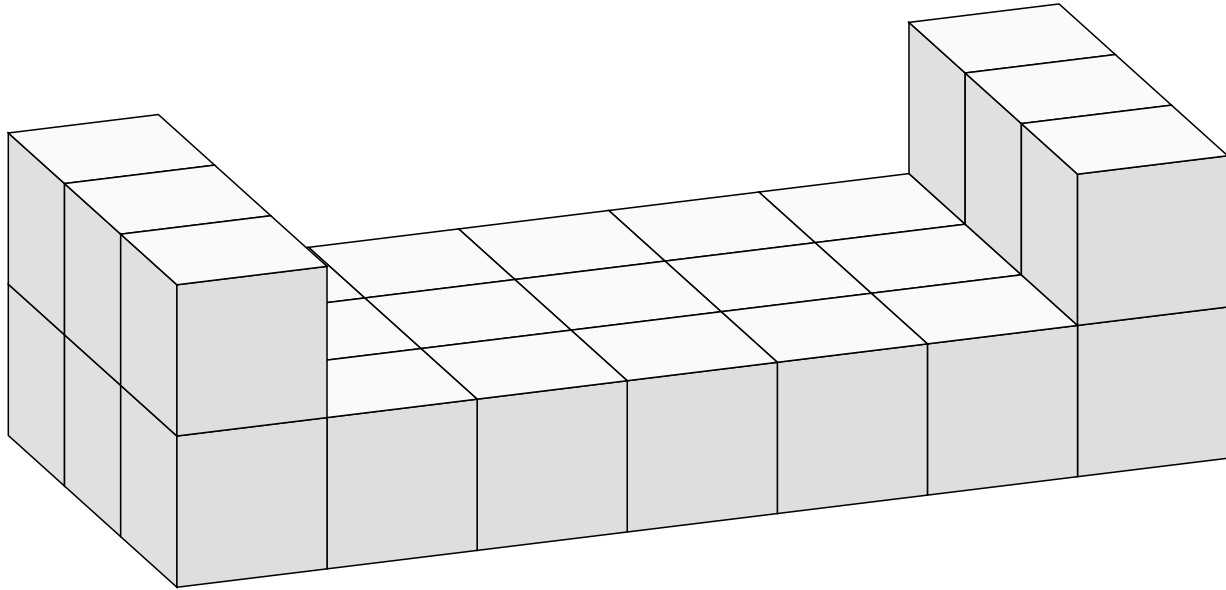
Eine mögliche Lösung



Somafiguren

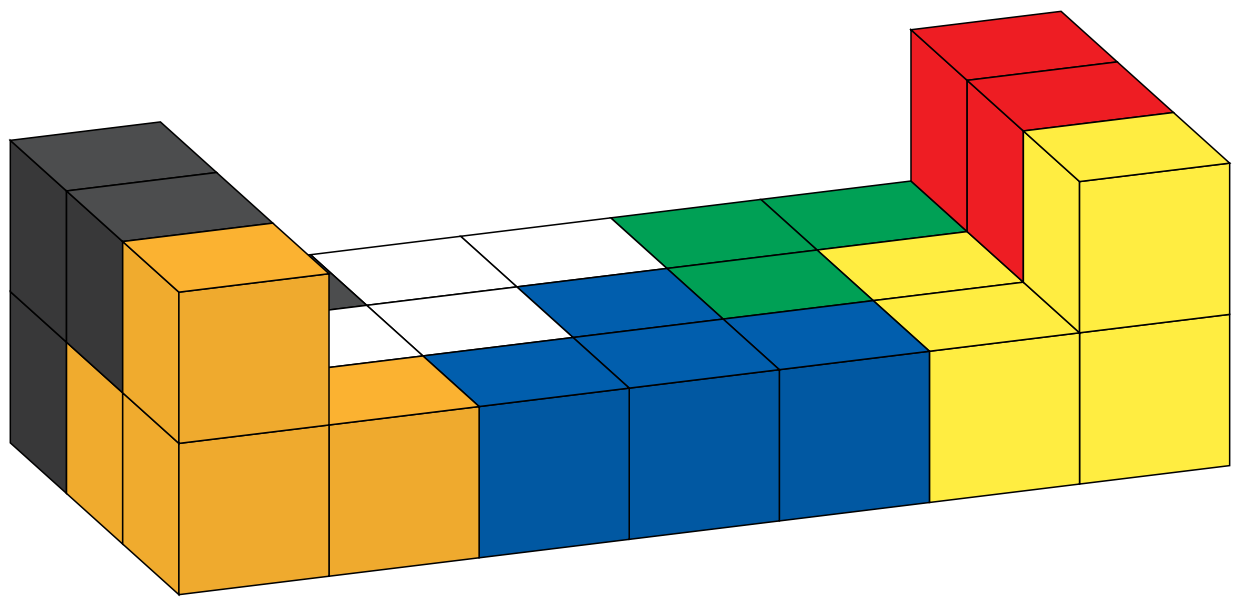
30

Aufgabe: Baue das Bett aus allen sieben Somateilen.



Bett

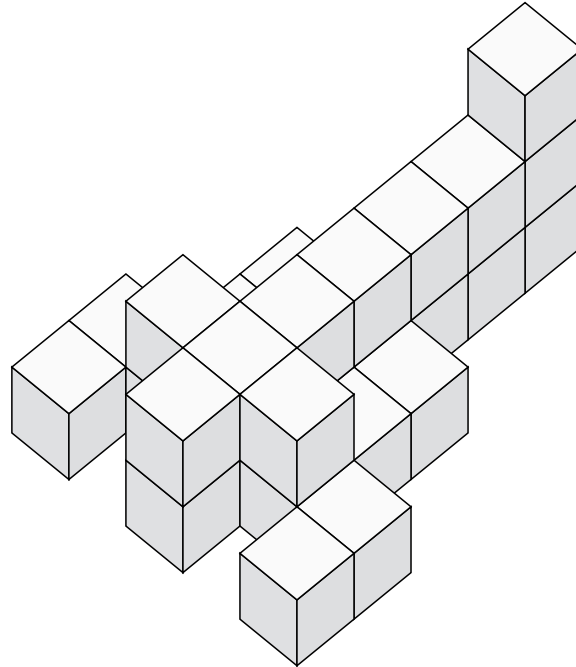




Somafiguren

31

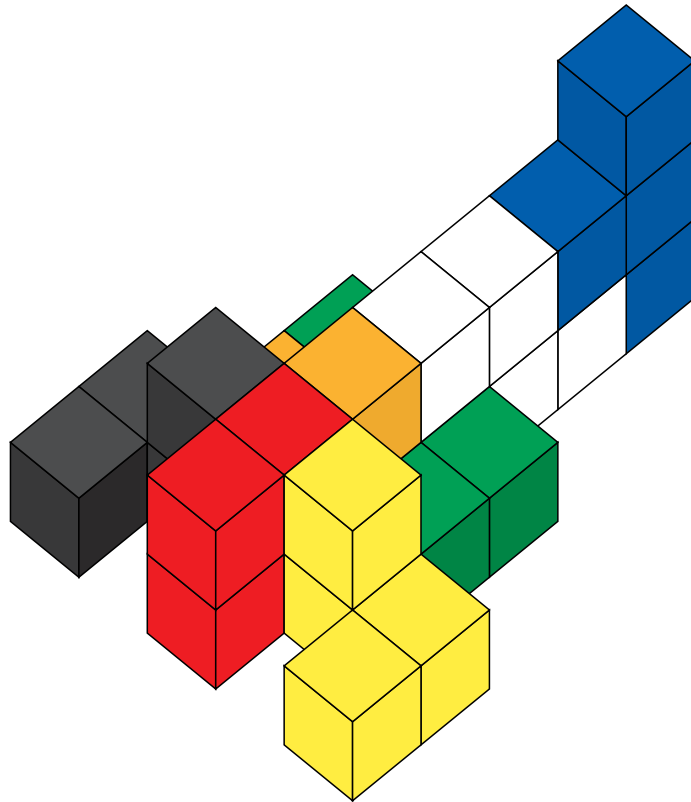
Aufgabe: Baue den Skorpion aus allen sieben Somateilen.



Skorpion



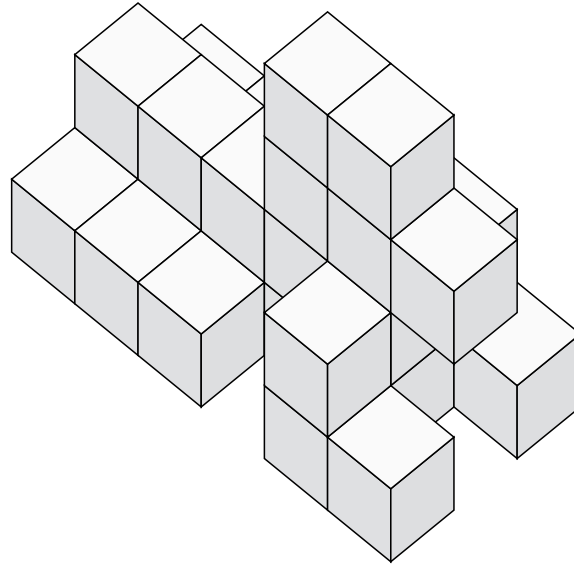
Eine mögliche Lösung



Somafiguren

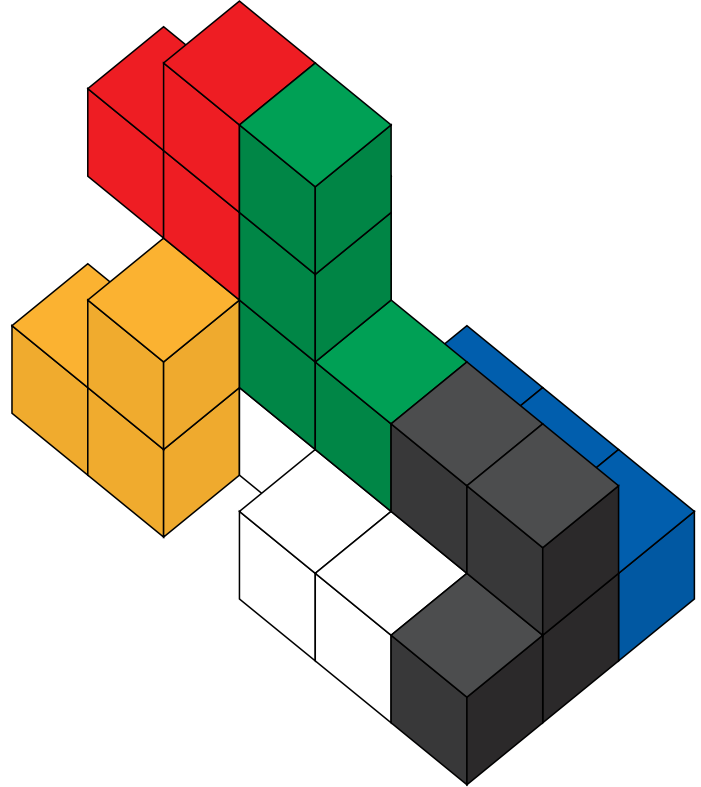
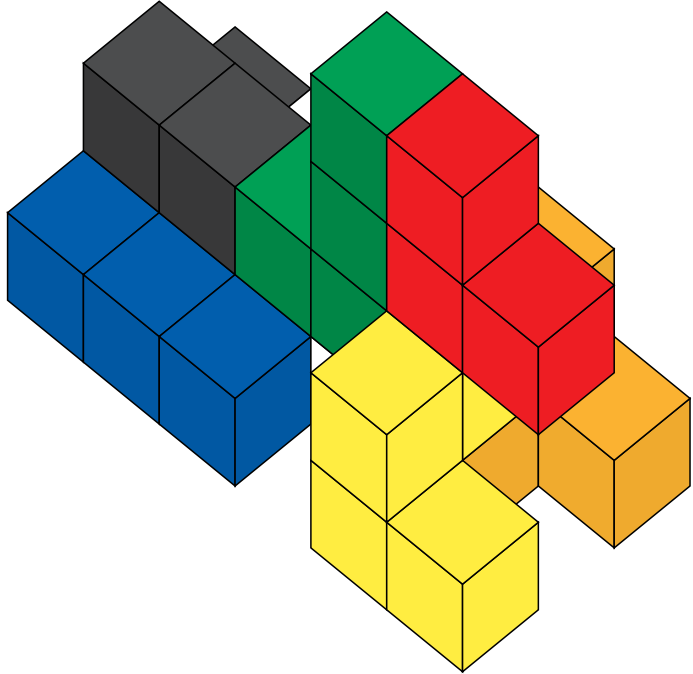
32

Aufgabe: Baue den Hund aus allen sieben Somateilen.



Hund

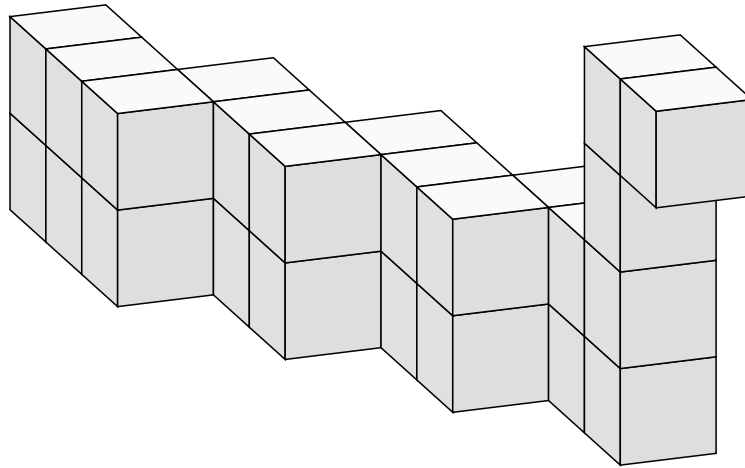




Somafiguren

33

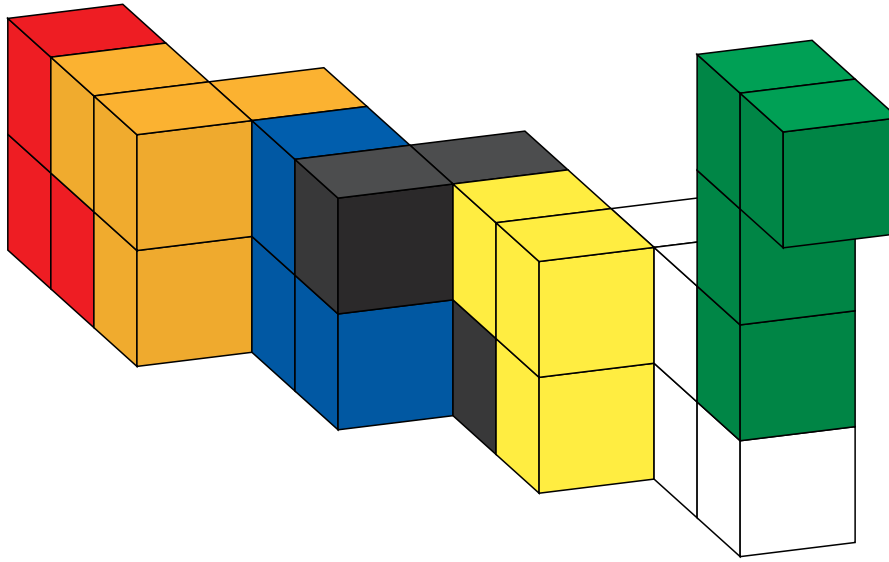
Aufgabe: Baue die Schlange aus allen sieben Somateilen.



Schlange



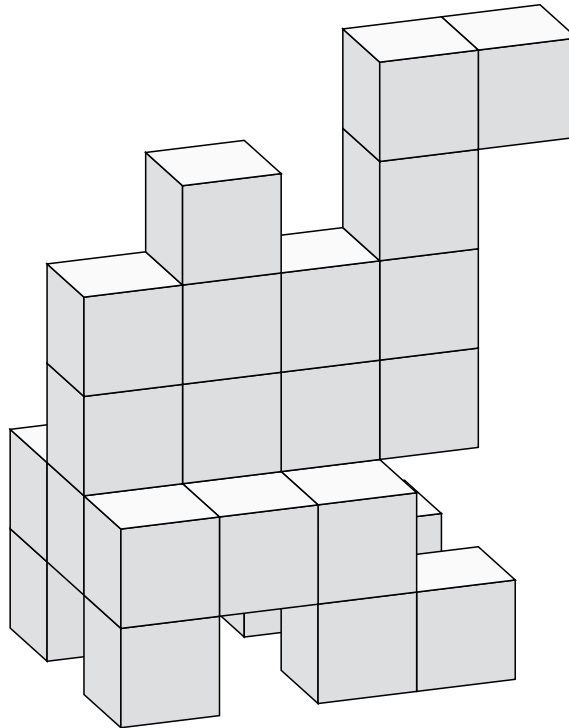
Eine mögliche Lösung



Somafiguren

34

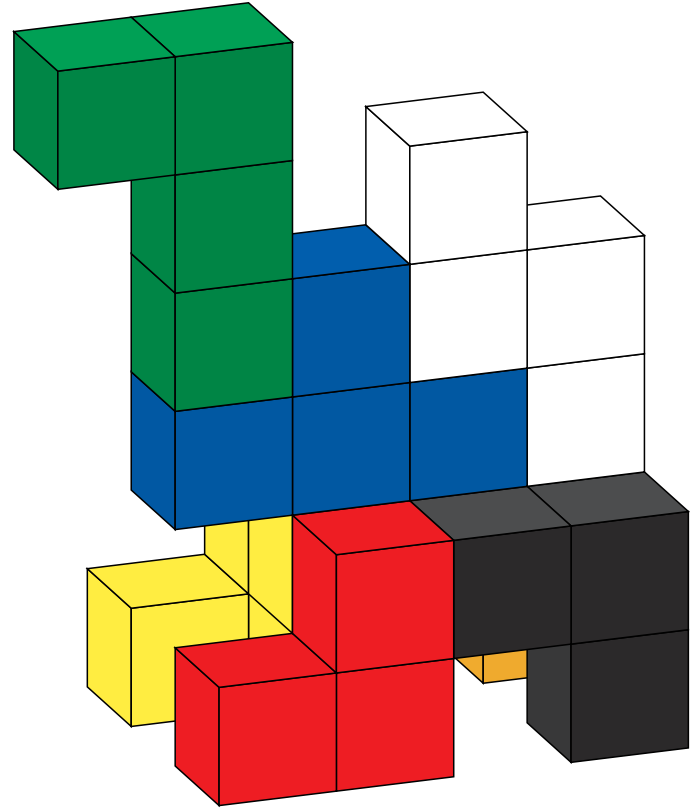
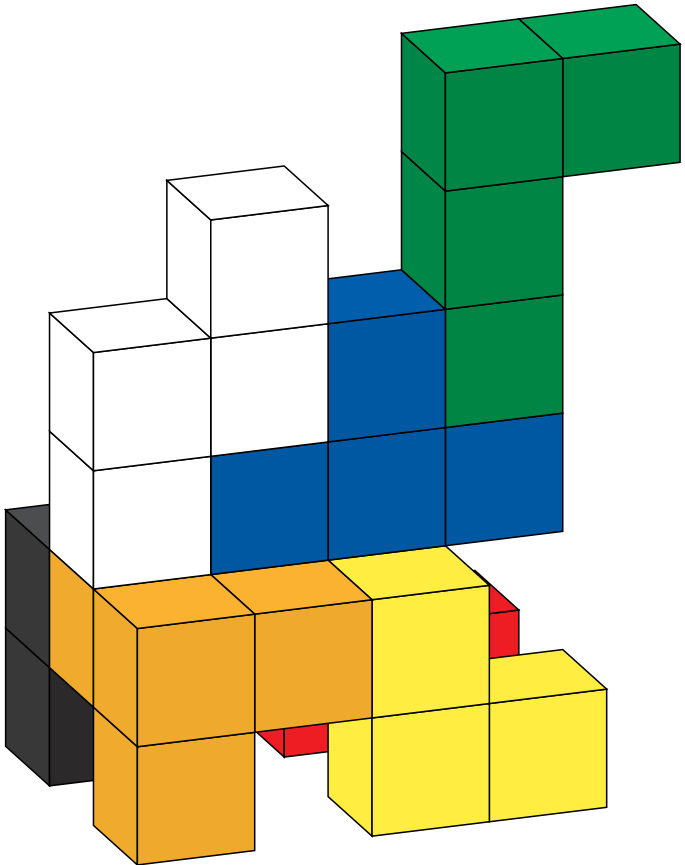
Aufgabe: Baue das Kamel aus allen sieben Somateilen.



Kamel



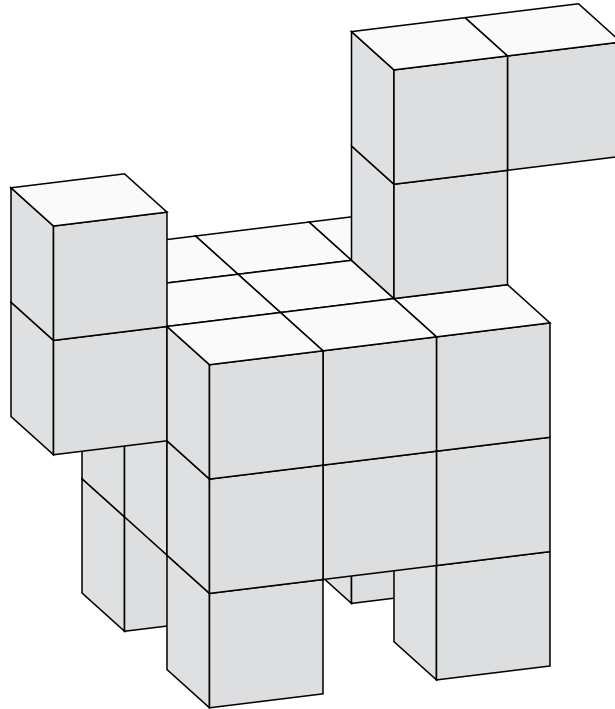
Eine mögliche Lösung



Somafiguren

35

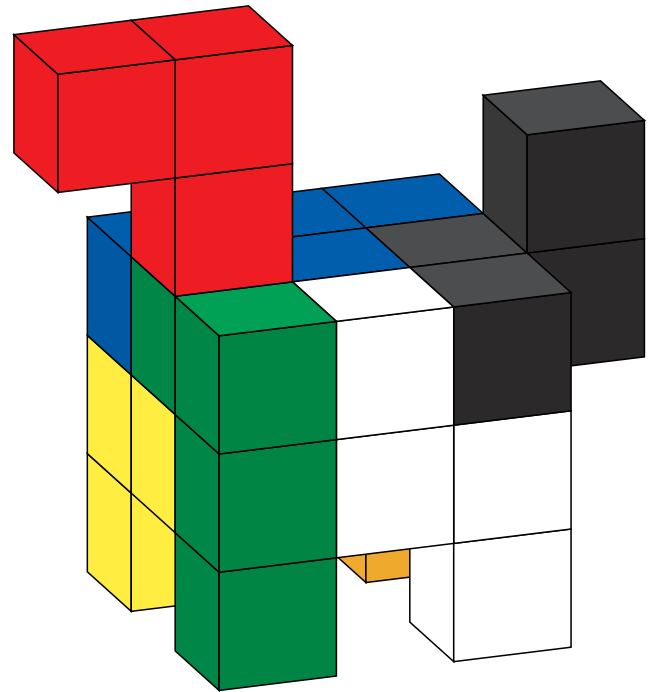
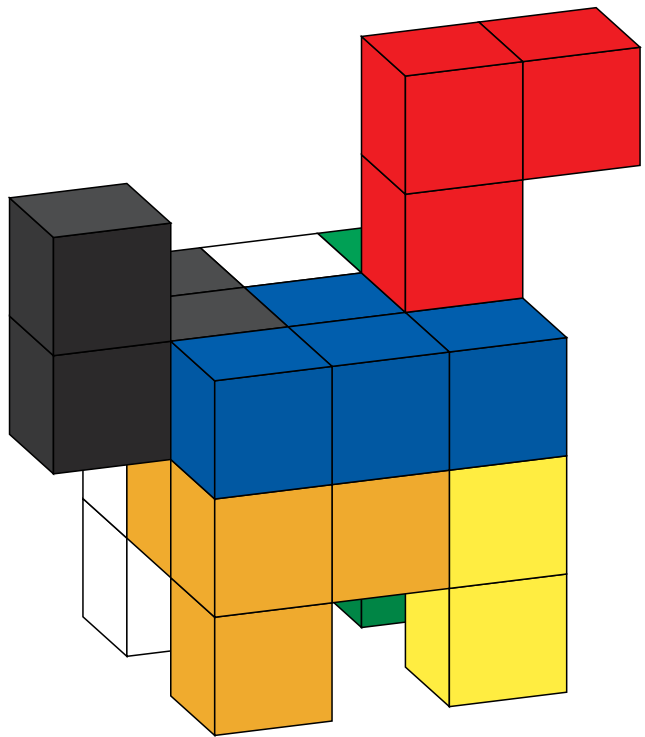
Aufgabe: Baue die Katze aus allen sieben Somateilen.



Katze



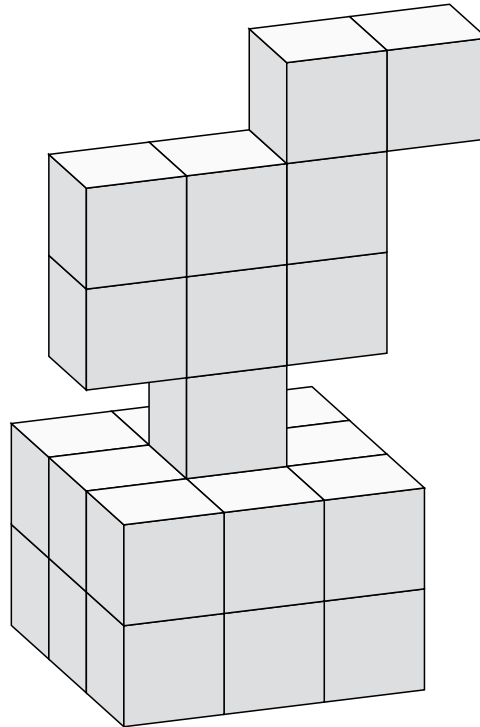
Eine mögliche Lösung



Somafiguren

36

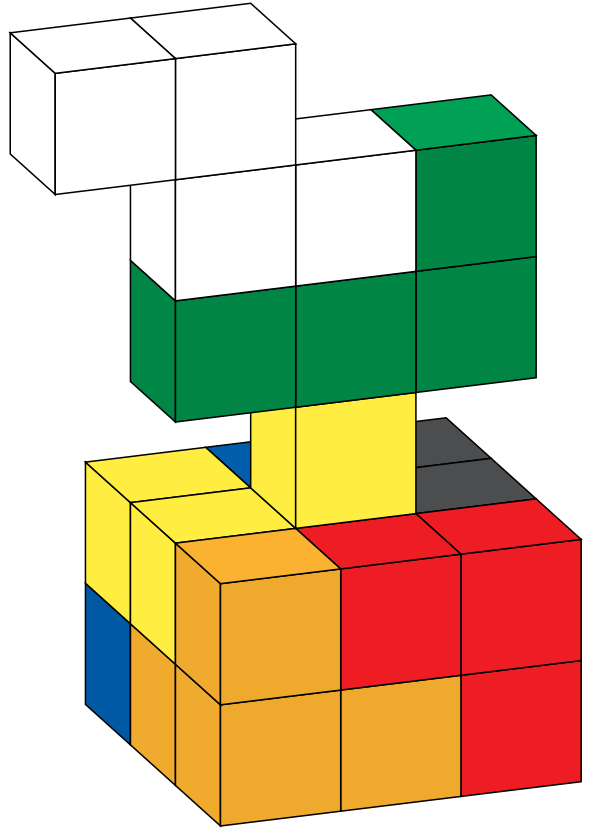
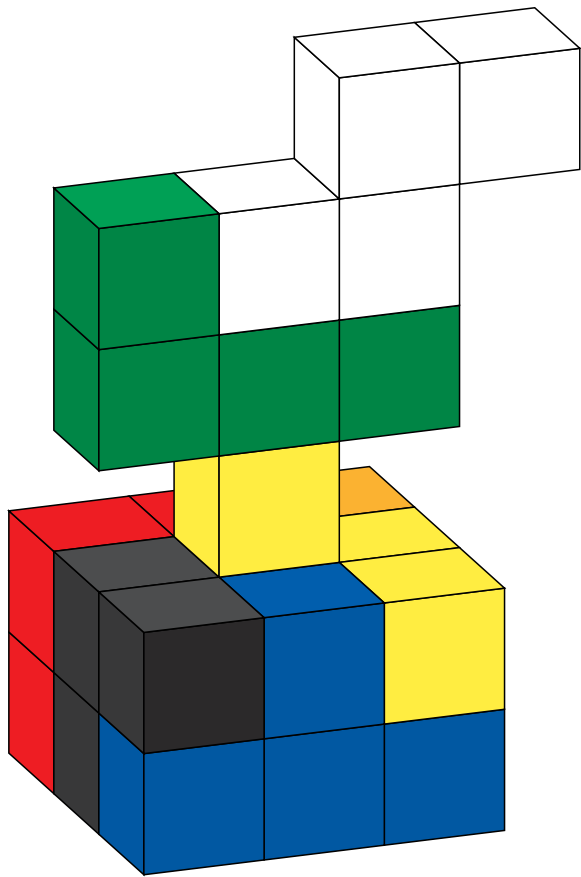
Aufgabe: Baue den Wetterhahn aus allen sieben Somateilen.



Wetterhahn



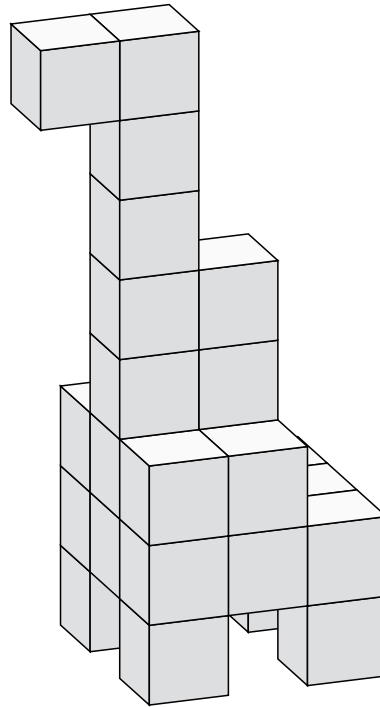
Eine mögliche Lösung



Somafiguren

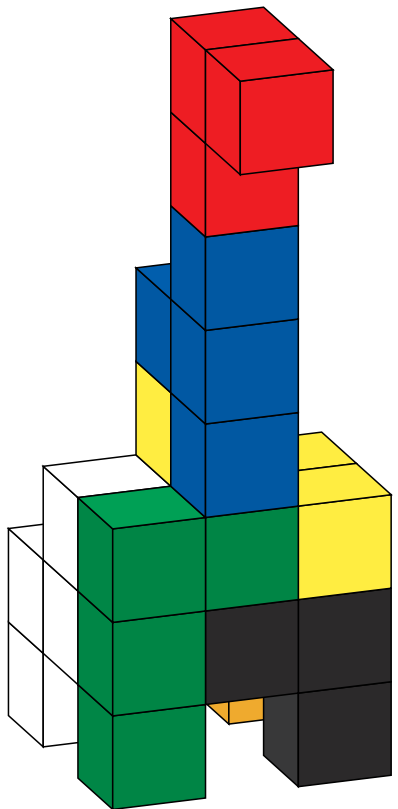
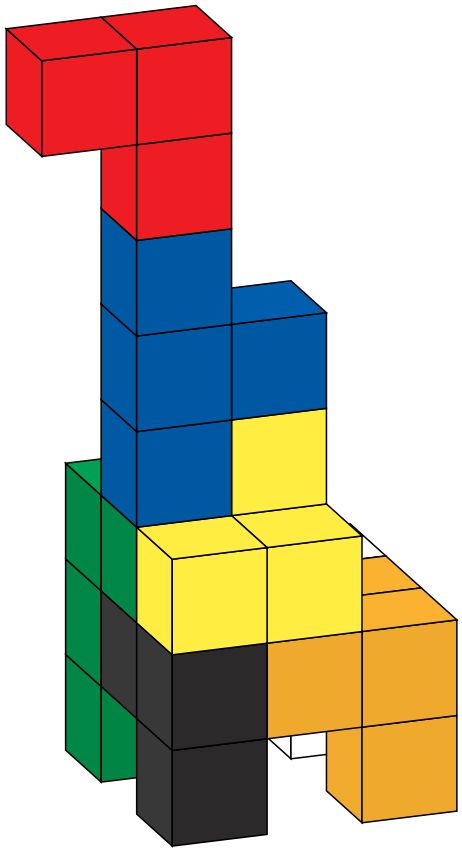
37

Aufgabe: Baue die Giraffe aus allen sieben Somateilen.



Giraffe

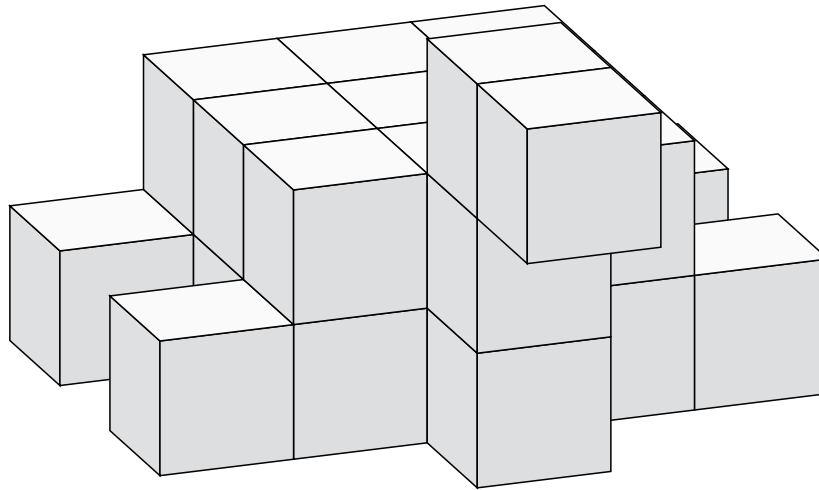




Somafiguren

38

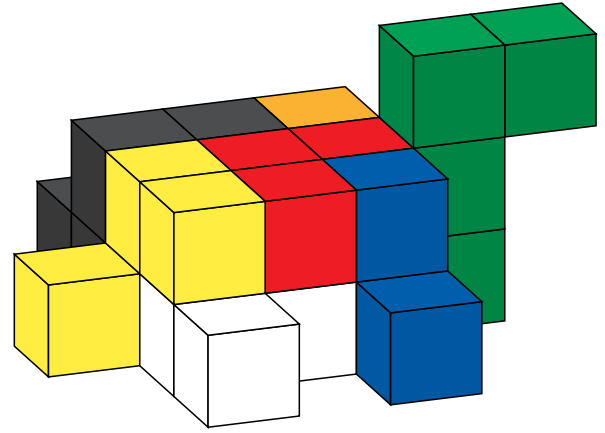
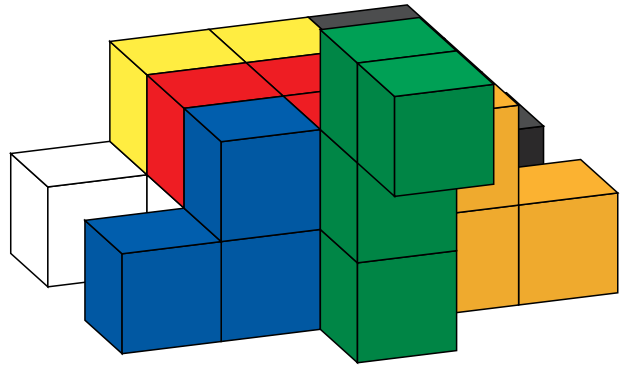
Aufgabe: Baue die Schildkröte aus allen sieben Somateilen.



Schildkröte



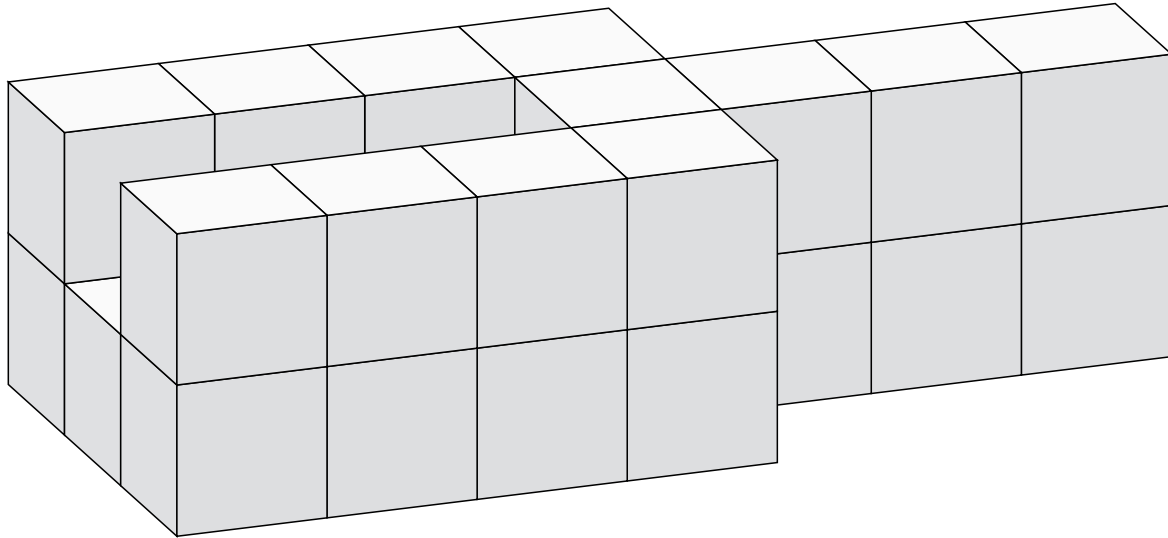
Eine mögliche Lösung



Somafiguren

39

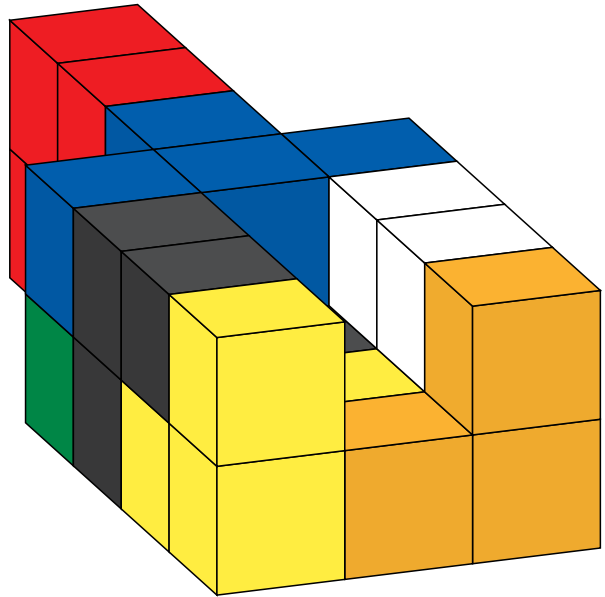
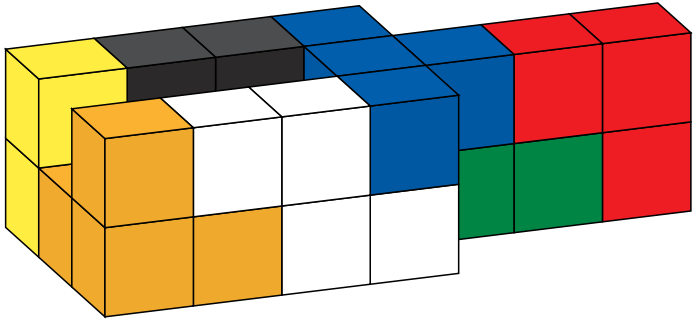
Aufgabe: Baue die Schaufel aus allen sieben Somateilen.



Schaufel



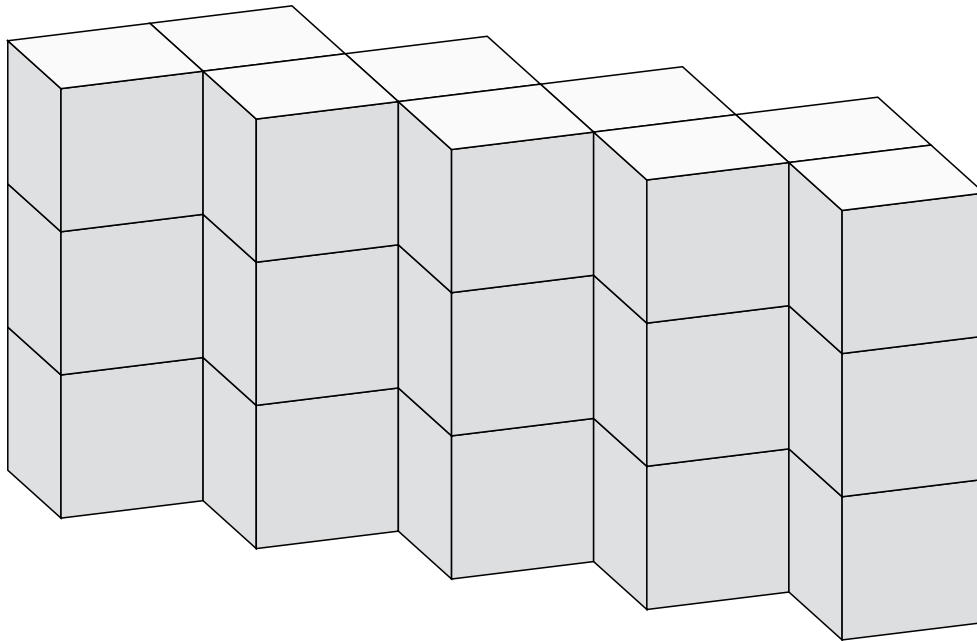
Eine mögliche Lösung



Somafiguren

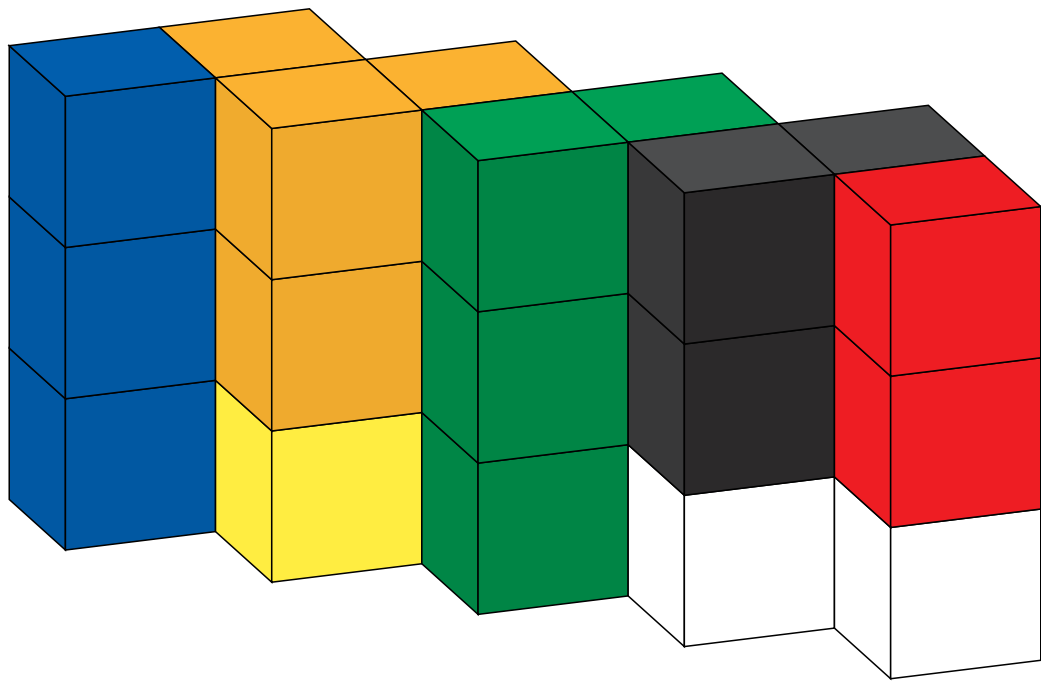
40

Aufgabe: Baue die Mauer aus allen sieben Somateilen.



Mauer

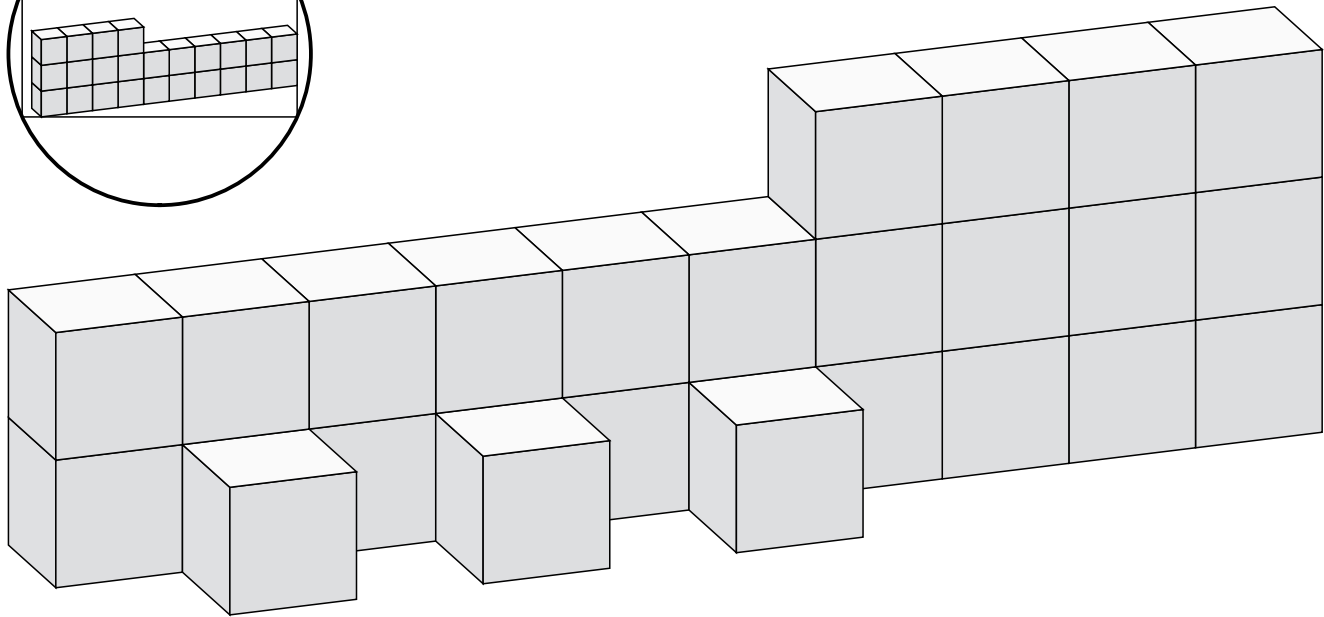
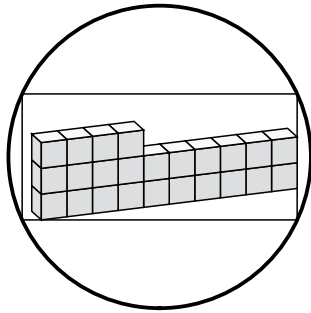




Somafiguren

41

Aufgabe: Baue den Schlüssel aus allen sieben Somateilen.



Schlüssel



Eine mögliche Lösung

