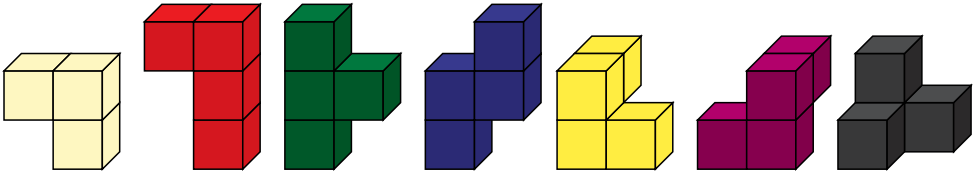


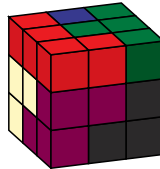
SOMA-Würfel

Einführung

Der SOMA-Würfel besteht aus sieben Somasteinen:

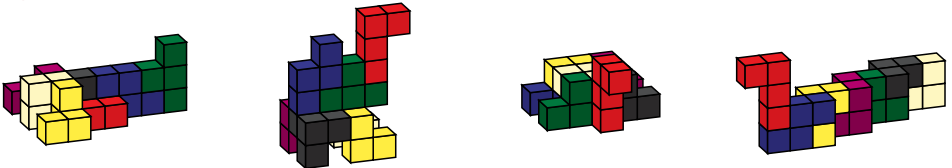


Das Grundproblem des SOMA-Würfels ist es, aus den sieben Einzelteilen einen Würfel zusammenzusetzen:



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:



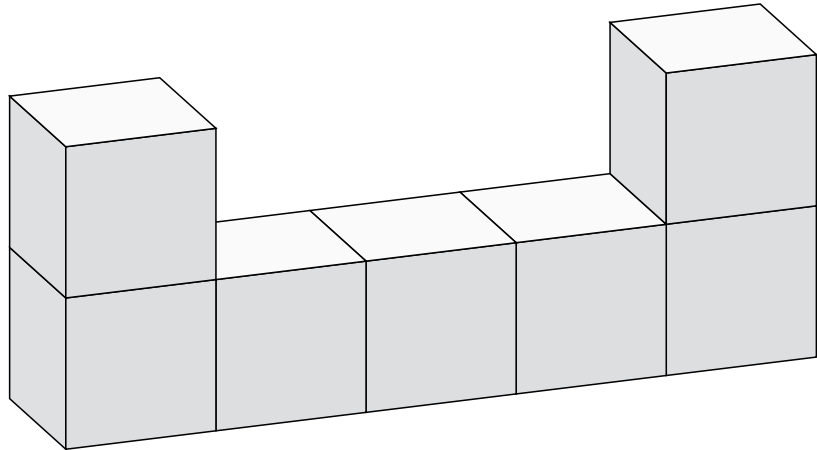
Hinweis

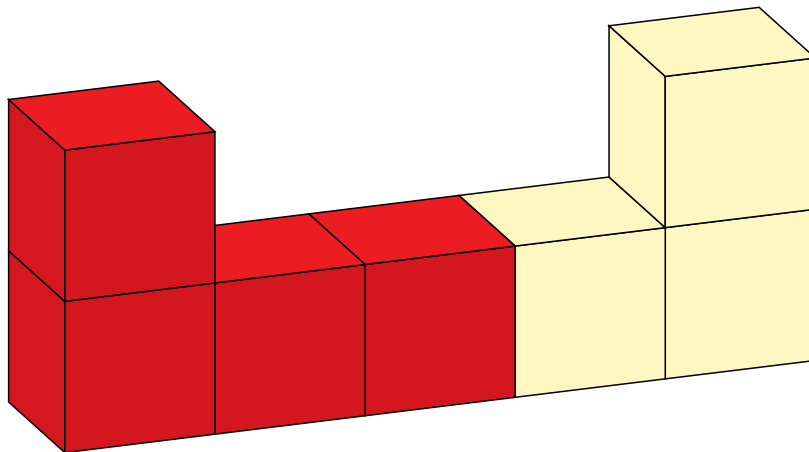
Bei den Aufgabenkarten sind auf der Rückseite die Lösungen abgedruckt. Versuche aber zuerst die Aufgabe alleine zu lösen.



Somafiguren

Aufgabe: Baue das Kanu aus zwei Somateilen.

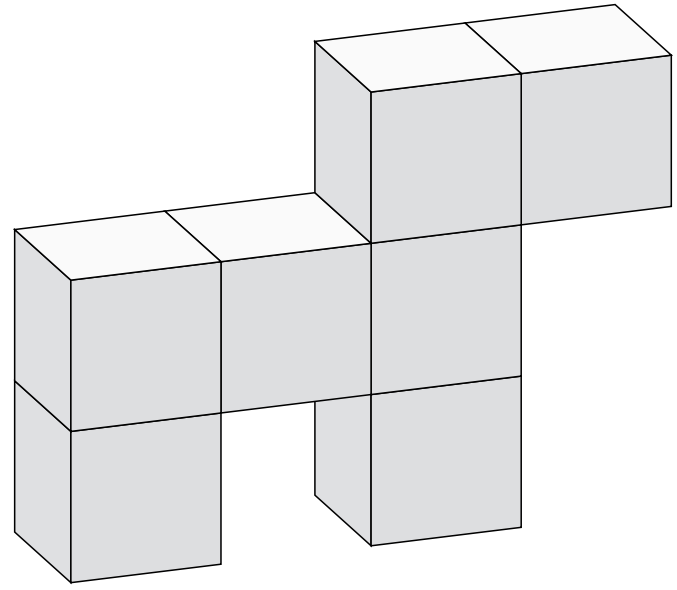


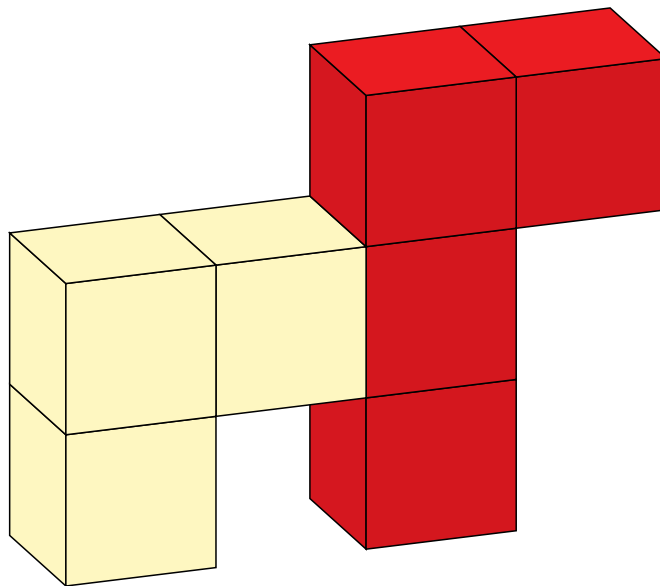




Somafiguren

Aufgabe: Baue den Hund aus zwei Somateilen.

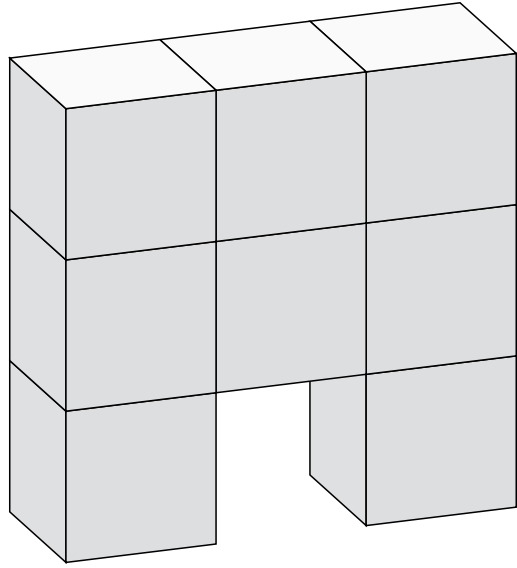


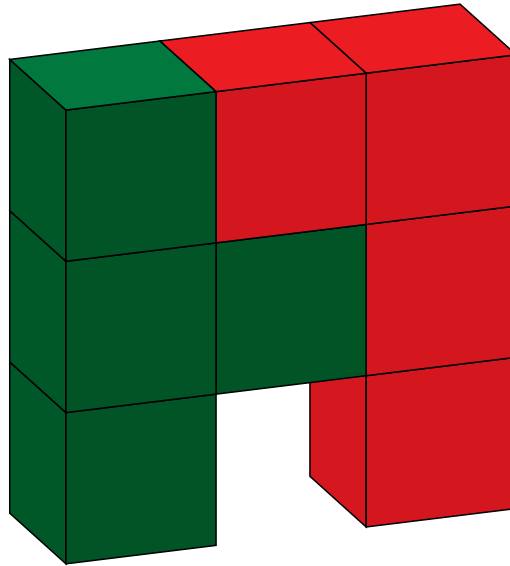




Somafiguren

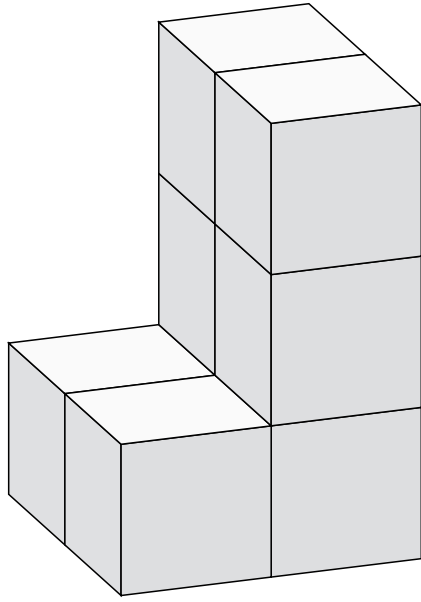
Aufgabe: Baue das Mauselloch aus zwei Somateilen.





Somafiguren

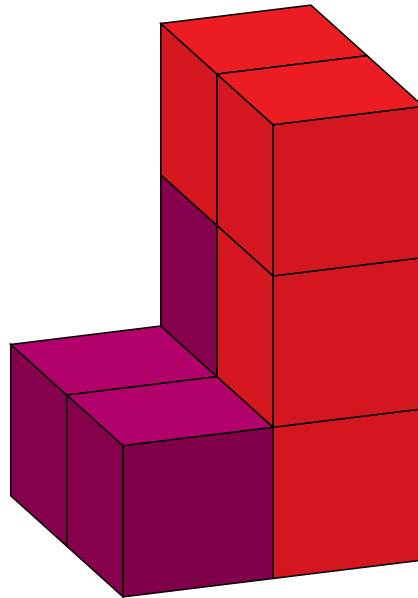
Aufgabe: Baue den Stuhl aus zwei Somateilen.



Stuhl



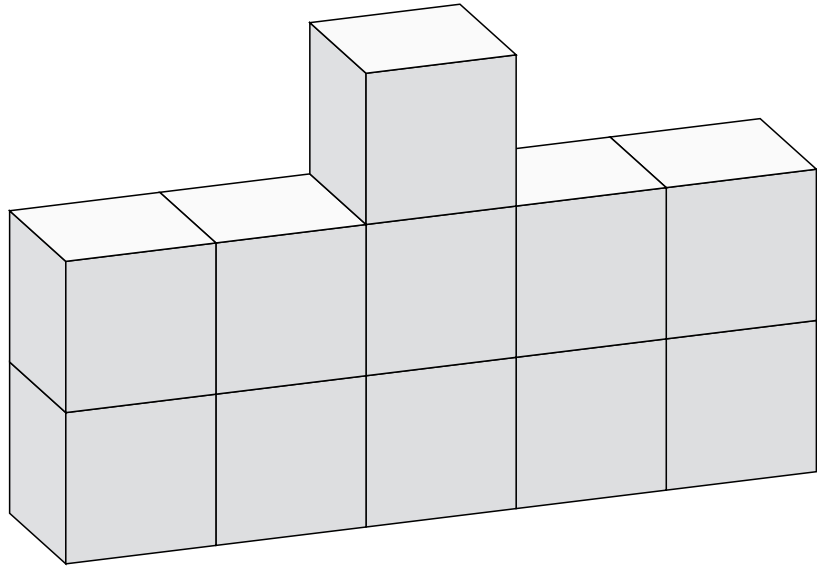
Eine mögliche Lösung





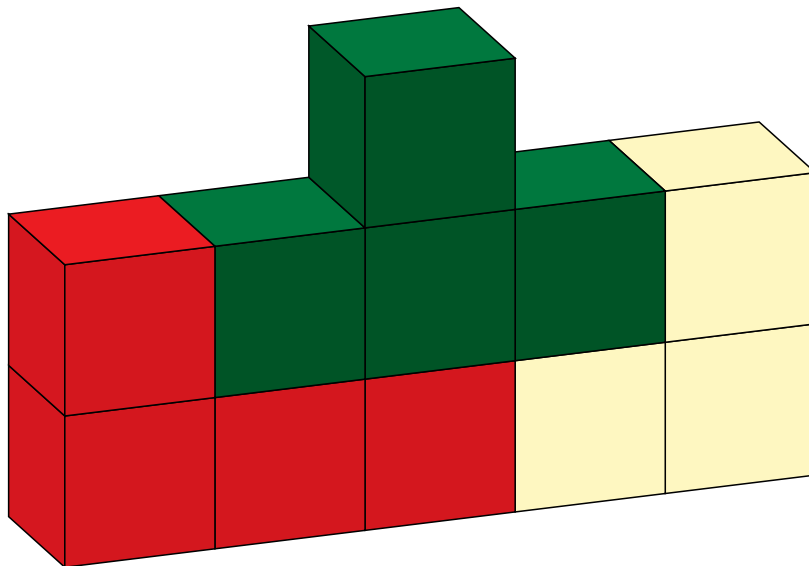
Somafiguren

Aufgabe: Baue den Topfdeckel aus drei Somateilen.



Topfdeckel

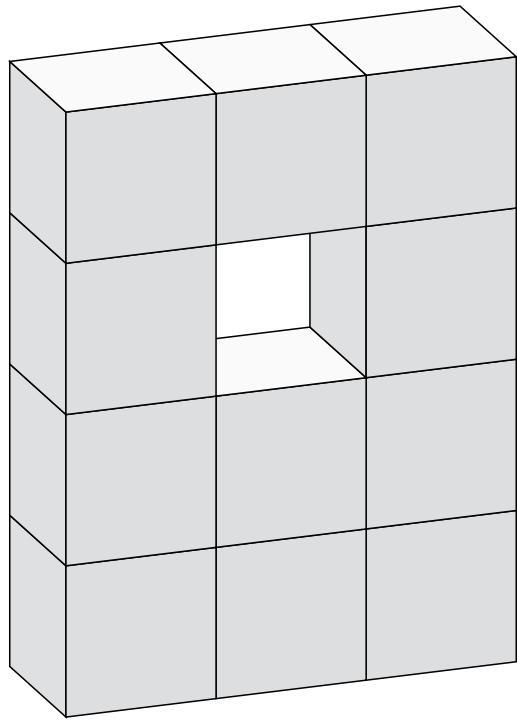


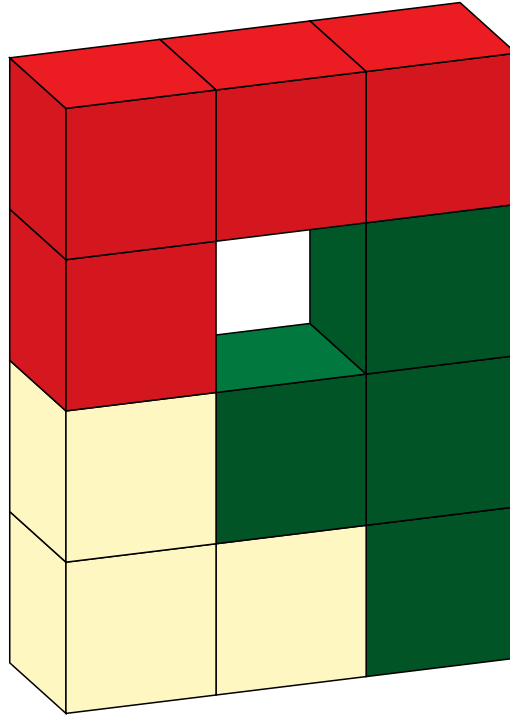




Somafiguren

Aufgabe: Baue das Schlüsselloch aus drei Somateilen.

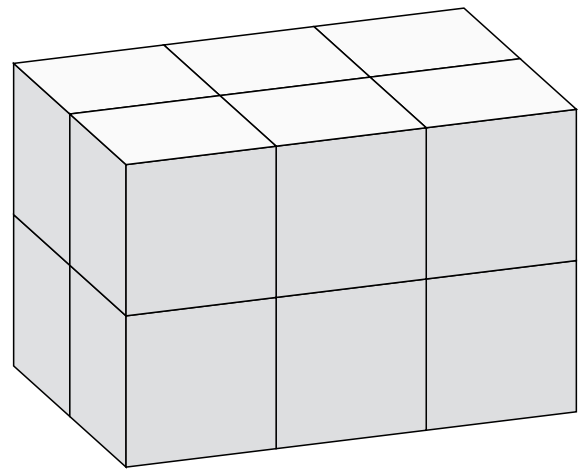




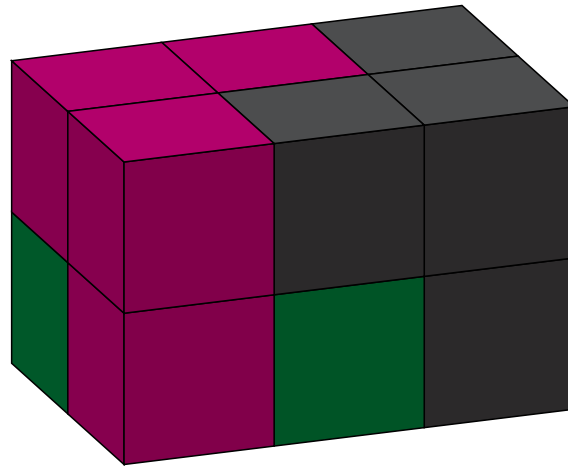


Somafiguren

Aufgabe: Baue die Box aus drei Somateilen.



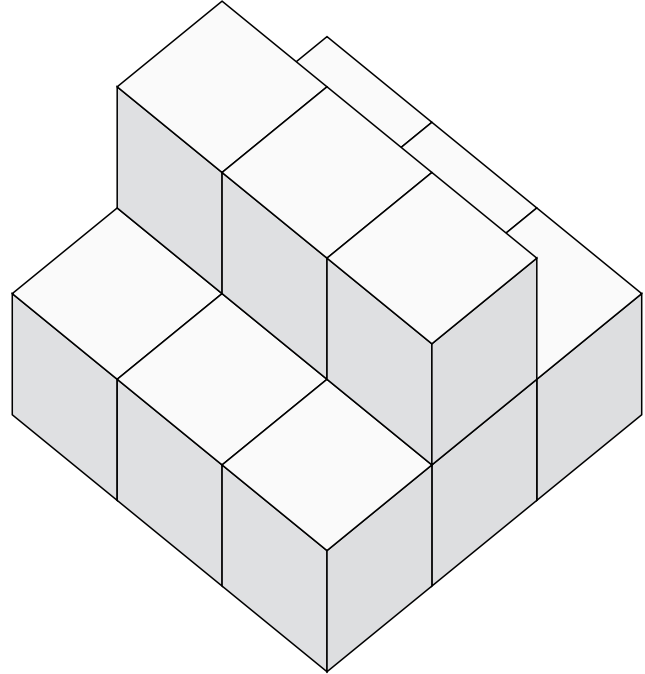
Eine mögliche Lösung





Somafiguren

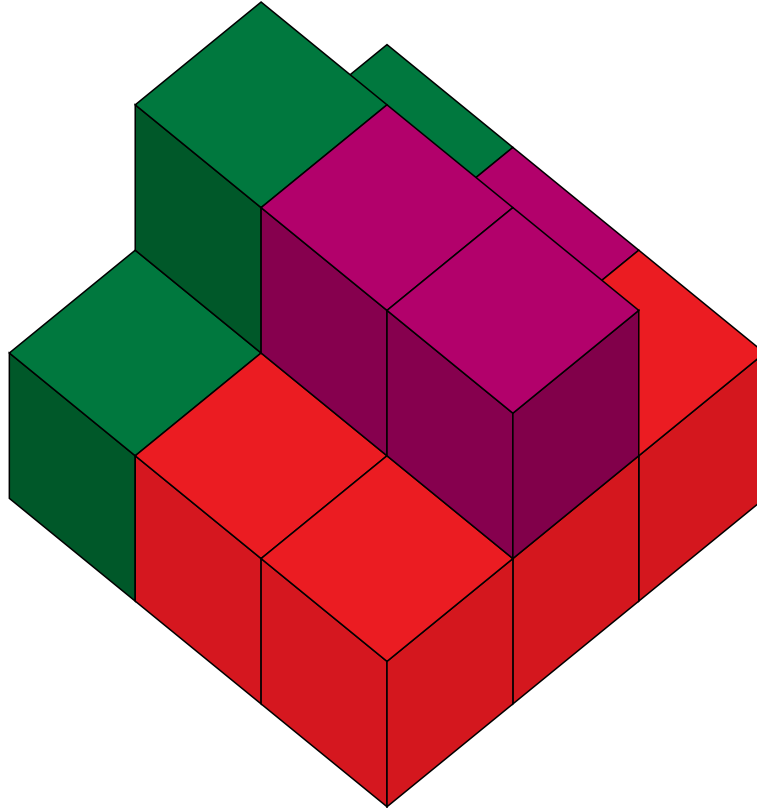
Aufgabe: Baue die Parkbank aus drei Somateilen.



Parkbank



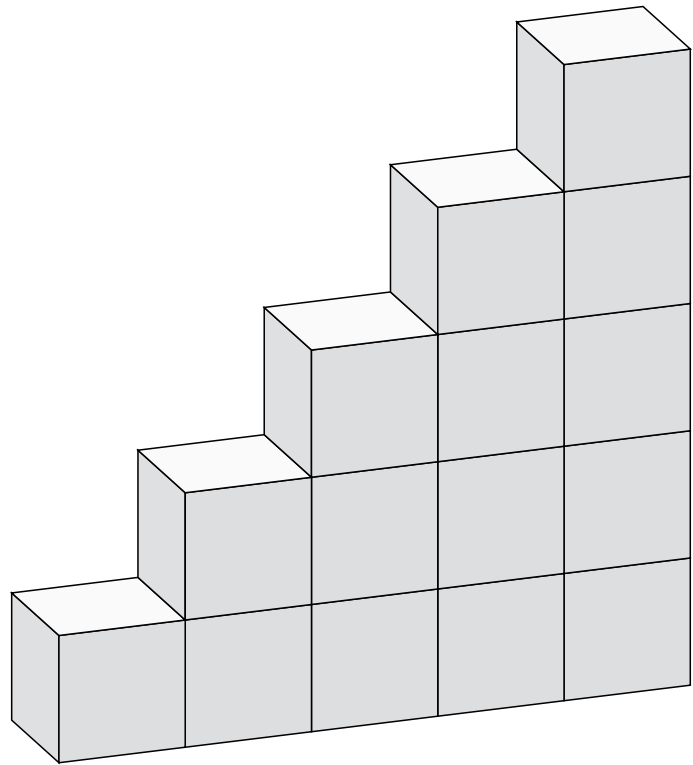
Eine mögliche Lösung





Somafiguren

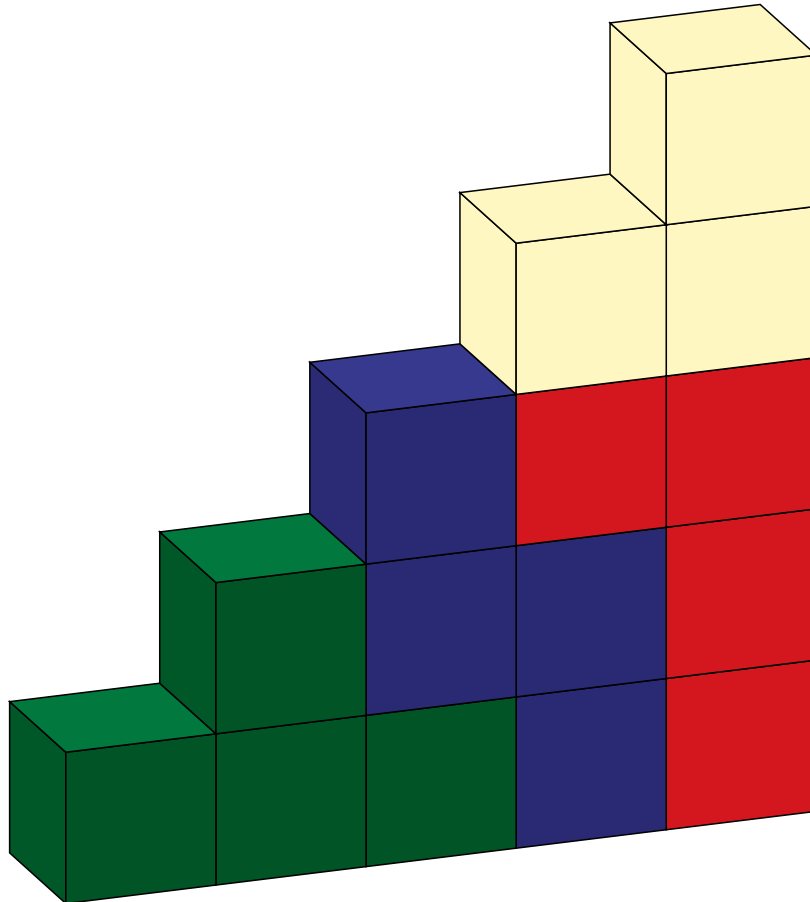
Aufgabe: Baue die Treppe aus vier Somateilen.



Stufen



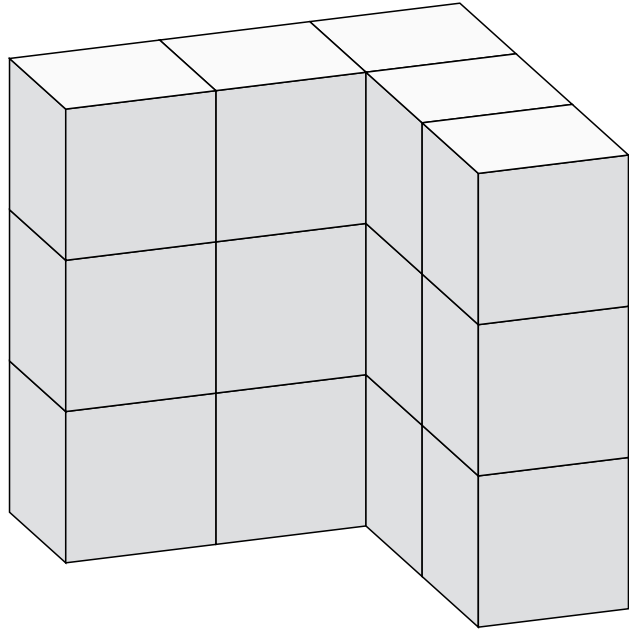
Eine mögliche Lösung





Somafiguren

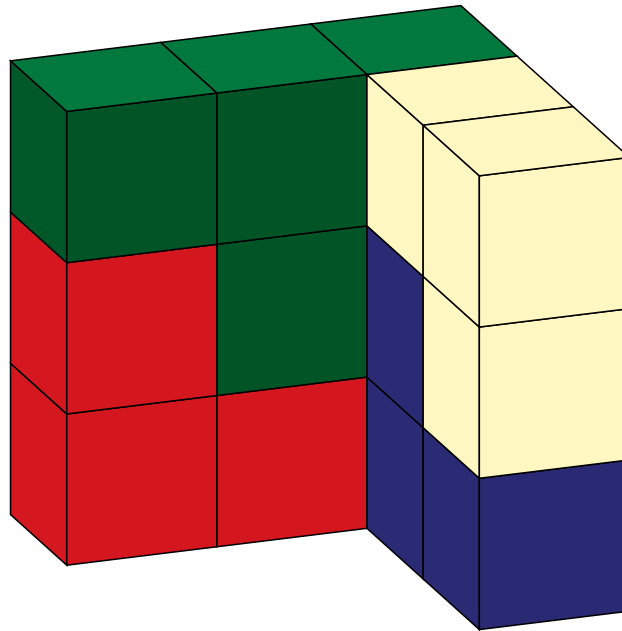
Aufgabe: Baue die Ecke aus vier Somateilen.



Ecke



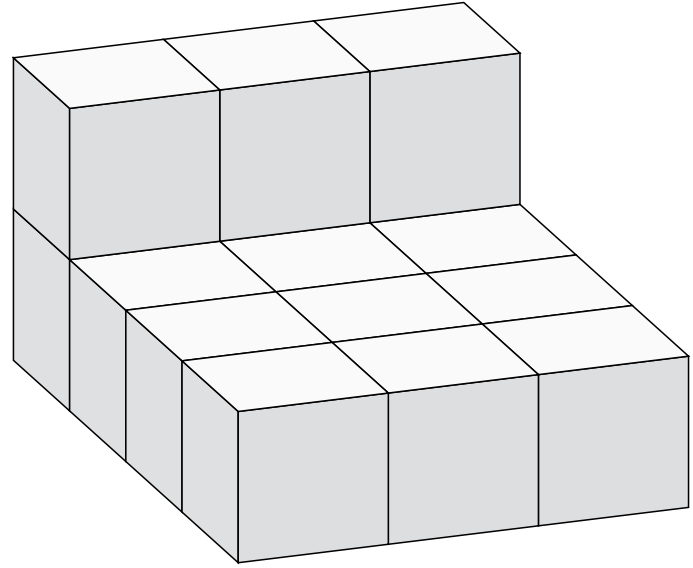
Eine mögliche Lösung





Somafiguren

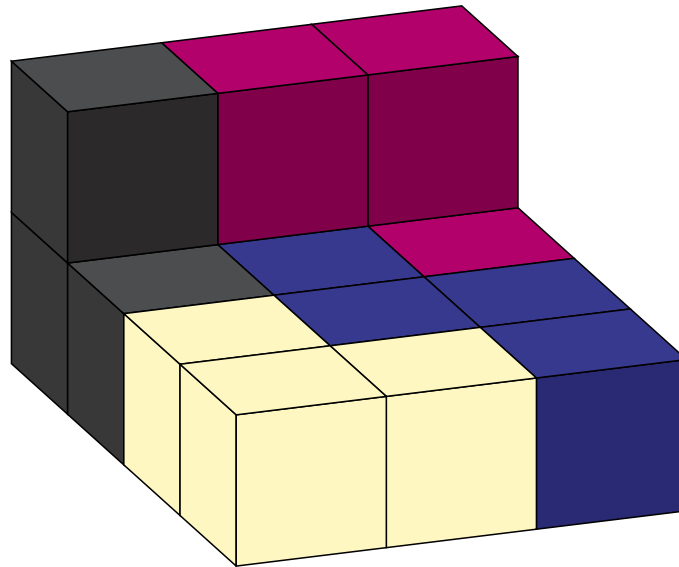
Aufgabe: Baue das Bett aus vier Somateilen.



Bett



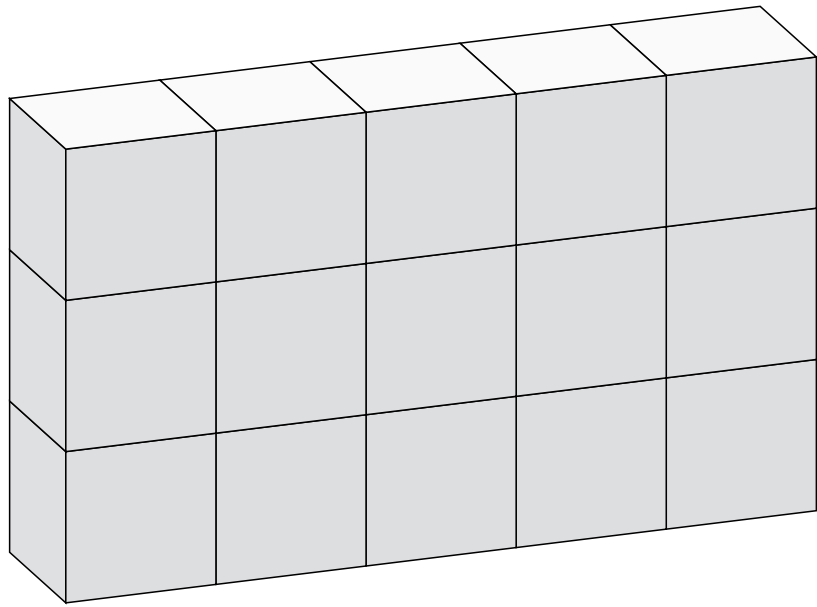
Eine mögliche Lösung





Somafiguren

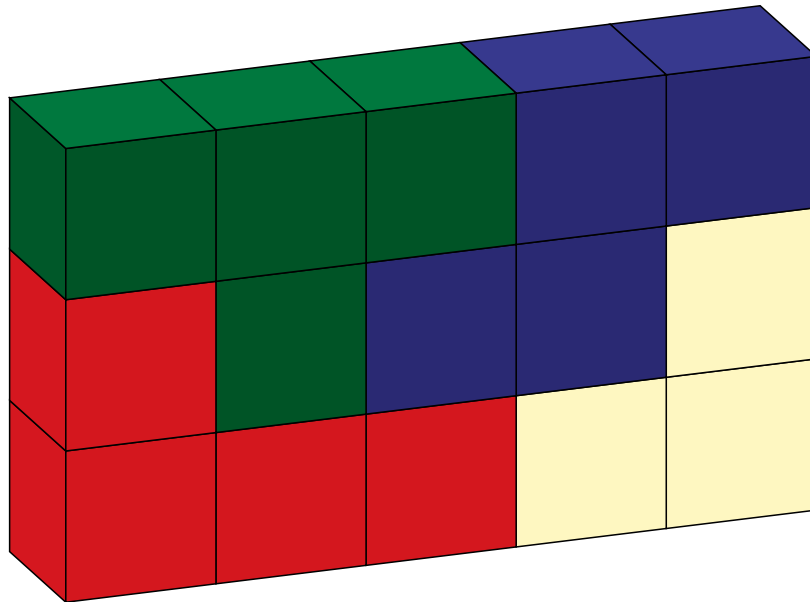
Aufgabe: Baue die Wand aus vier Somateilen.

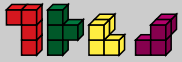


Wand



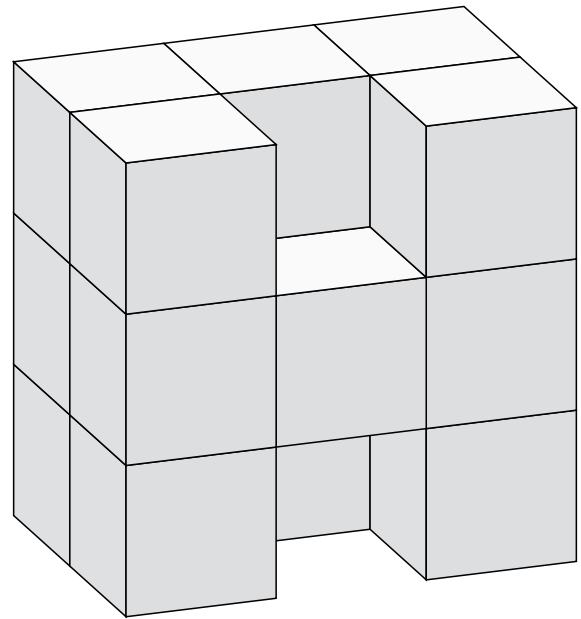
Eine mögliche Lösung



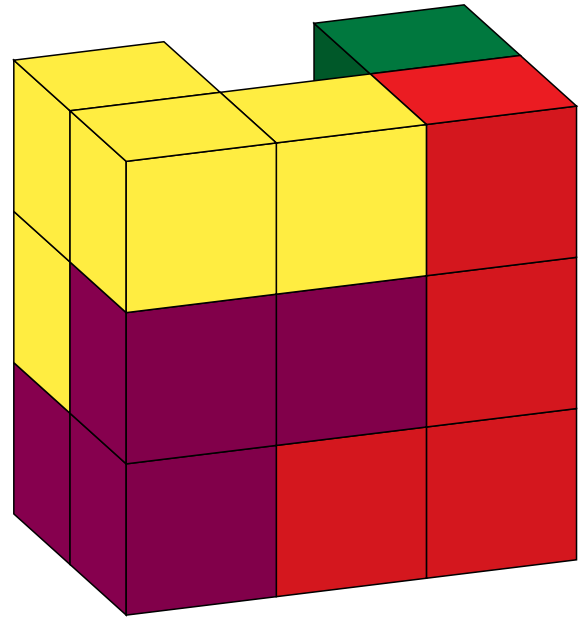
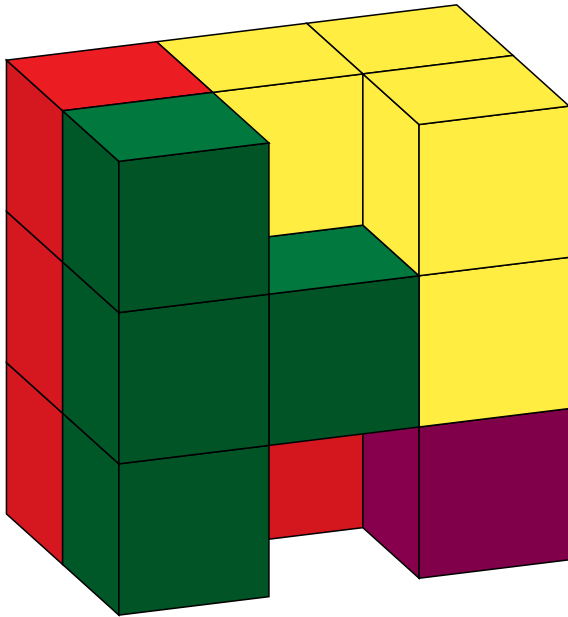


Somafiguren

Aufgabe: Baue den Buchstaben H aus vier Somateilen.



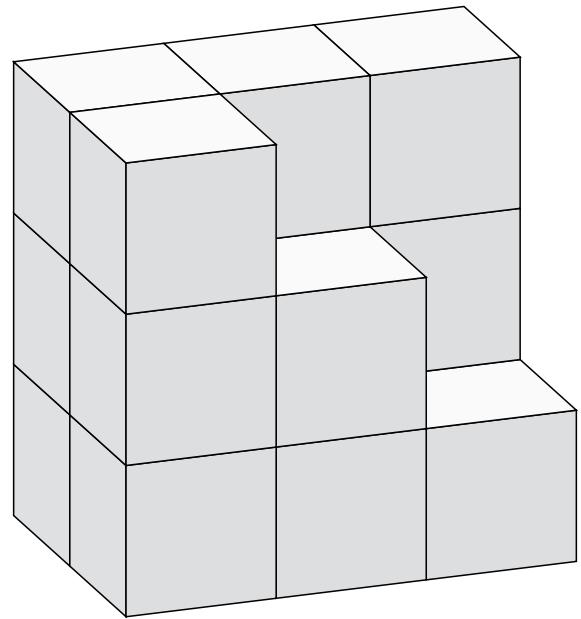
Eine mögliche Lösung





Somafiguren

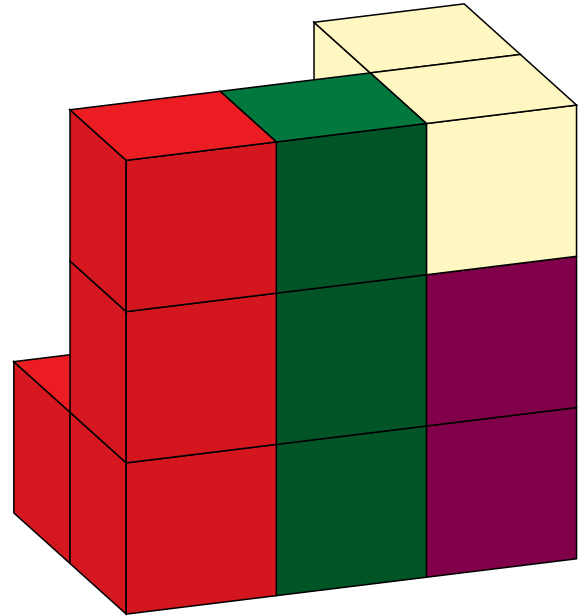
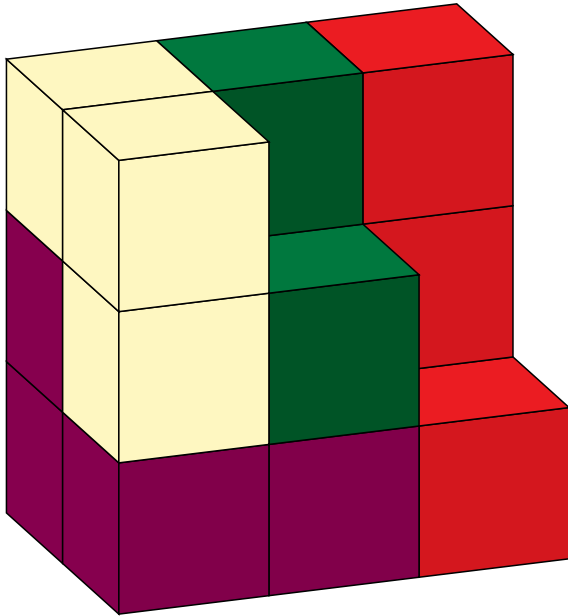
Aufgabe: Baue die Kellertreppe aus vier Somateilen.



Kellertreppe



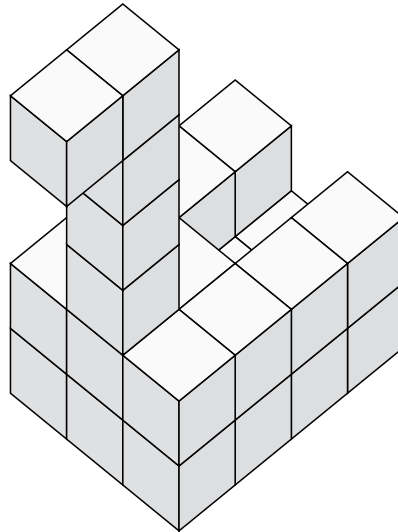
Eine mögliche Lösung



Somafiguren

15

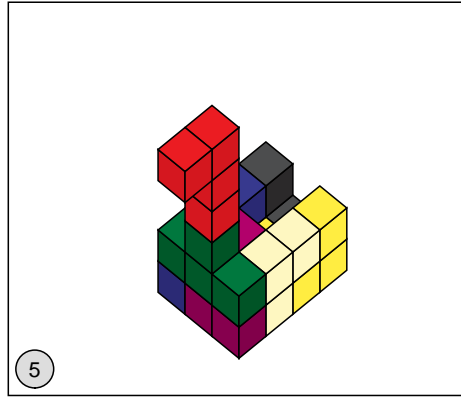
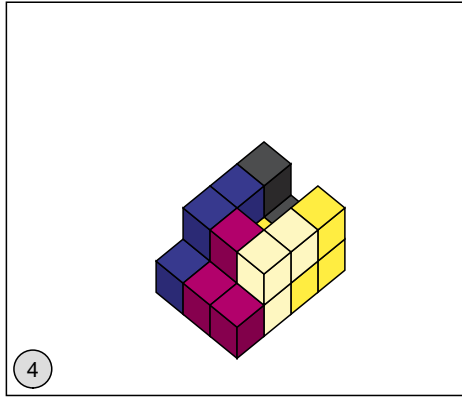
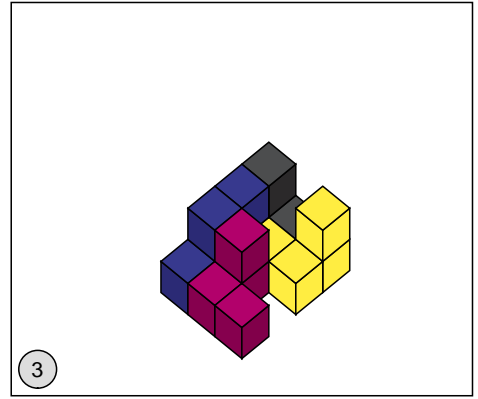
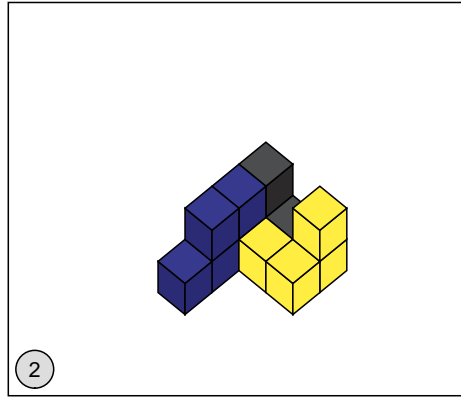
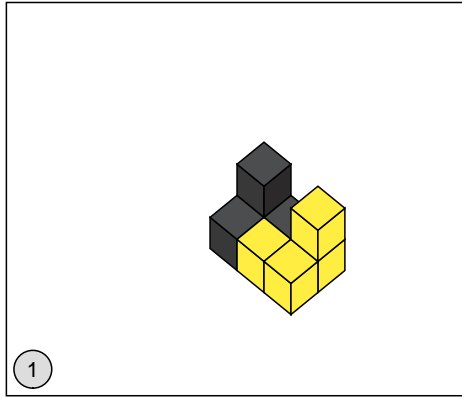
Aufgabe: Baue den Schwan aus allen sieben Somateilen.



Schwan



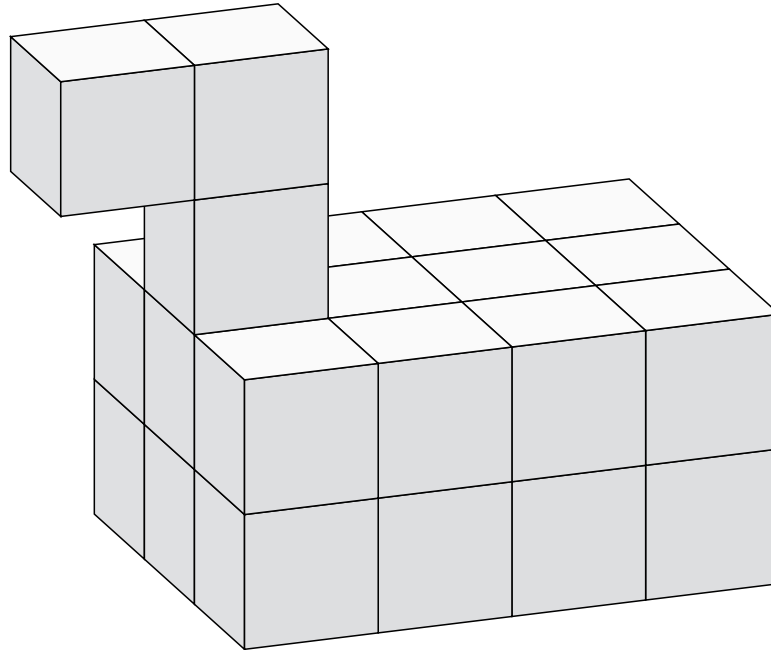
Eine mögliche Lösung



Somafiguren

16

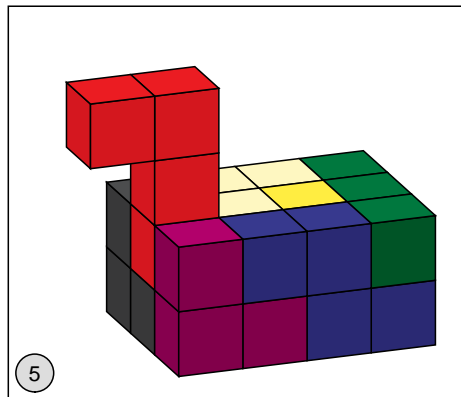
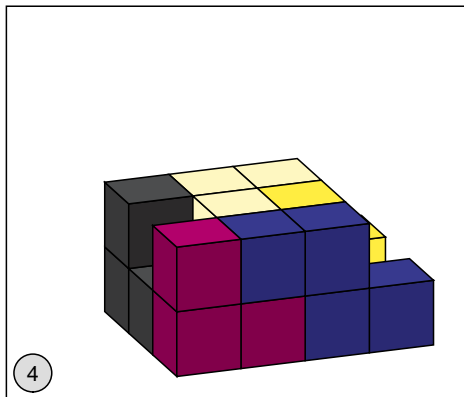
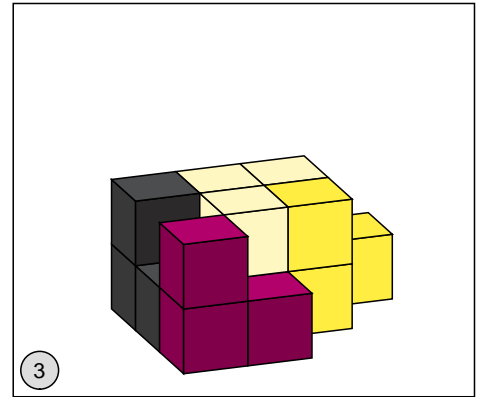
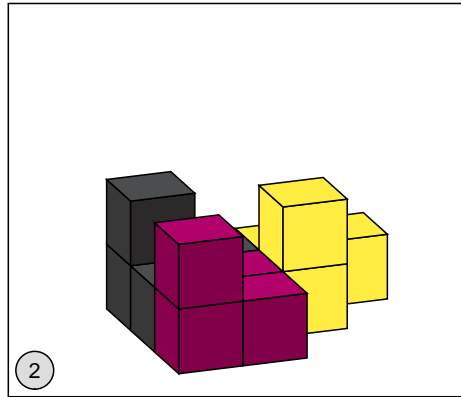
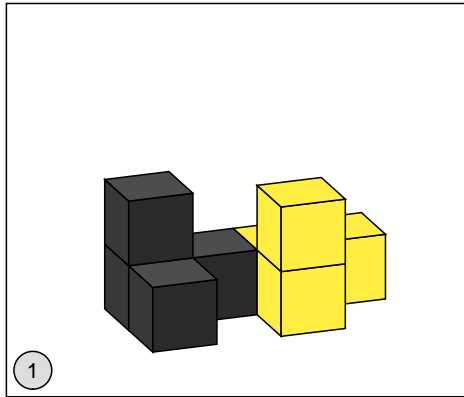
Aufgabe: Baue die Ente aus allen sieben Somateilen.



Ente



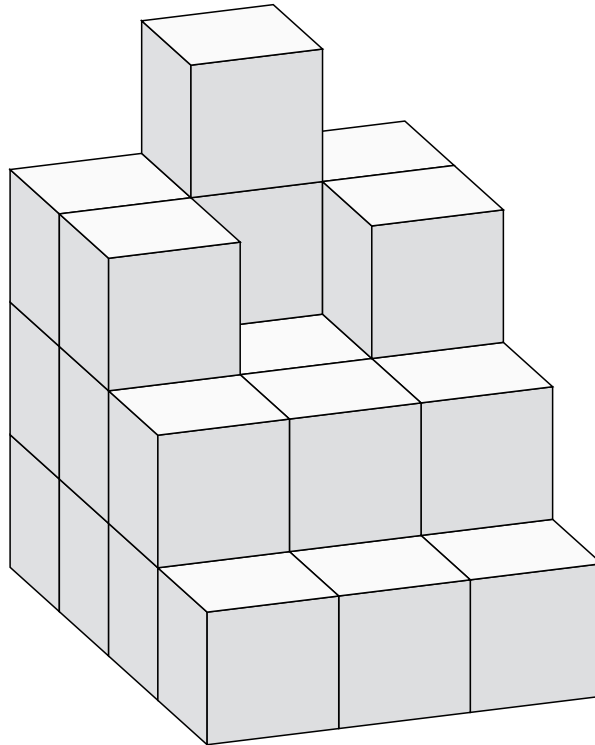
Eine mögliche Lösung



Somafiguren

17

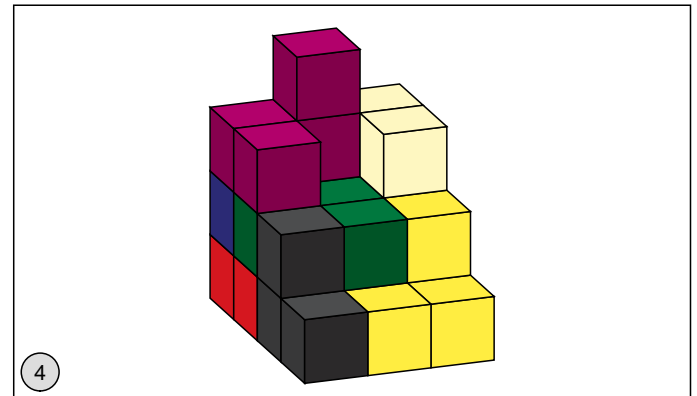
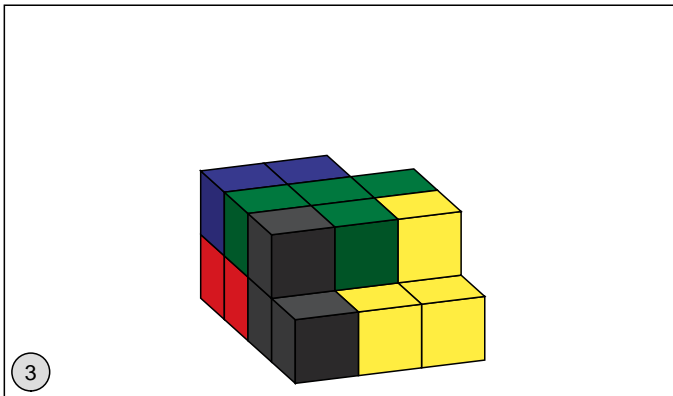
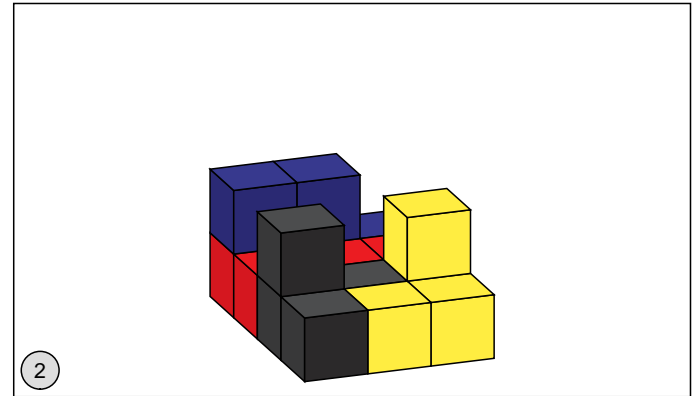
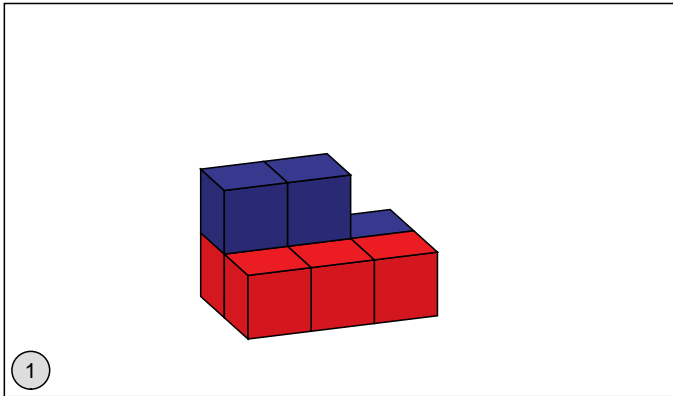
Aufgabe: Baue den Thron aus allen sieben Somateilen.



Thron



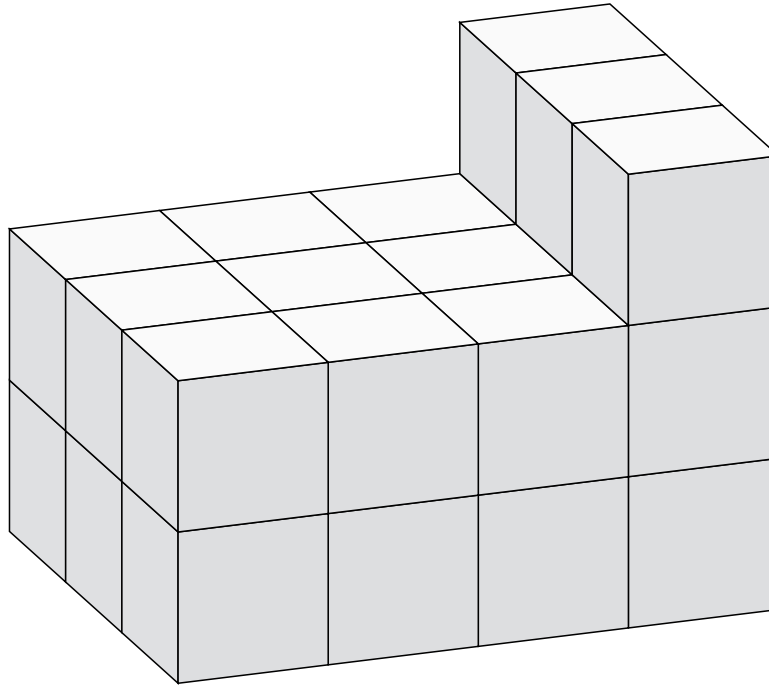
Eine mögliche Lösung



Somafiguren

18

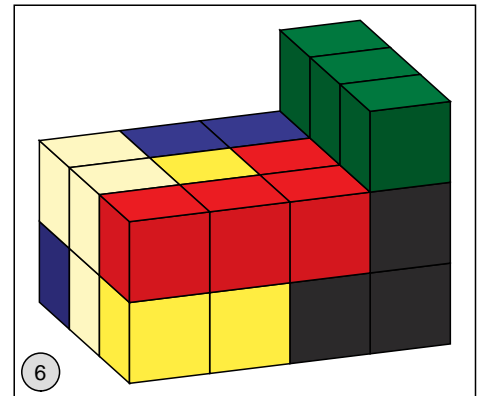
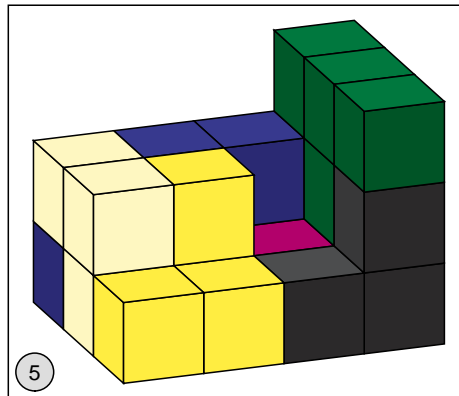
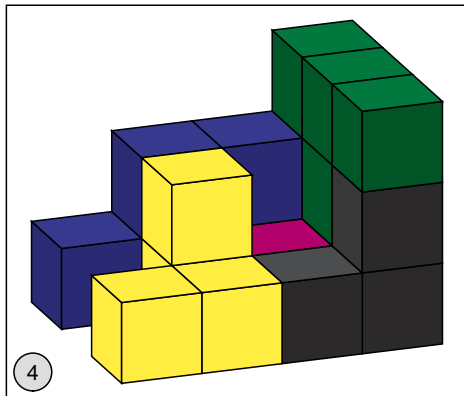
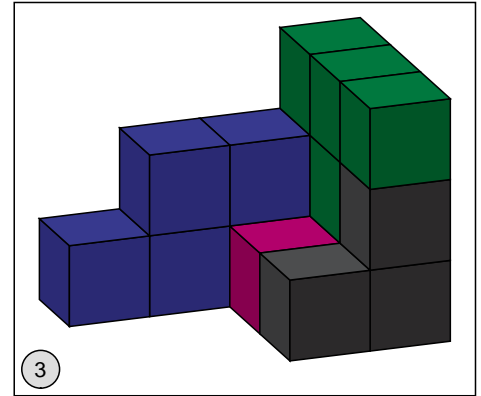
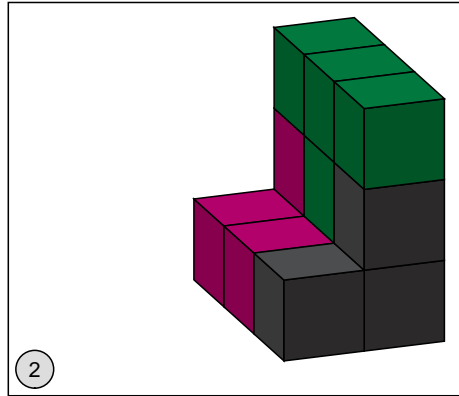
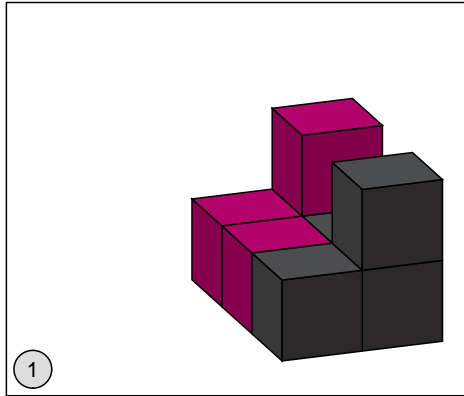
Aufgabe: Baue das kleine Bett aus allen sieben Somateilen.



Kleines Bett



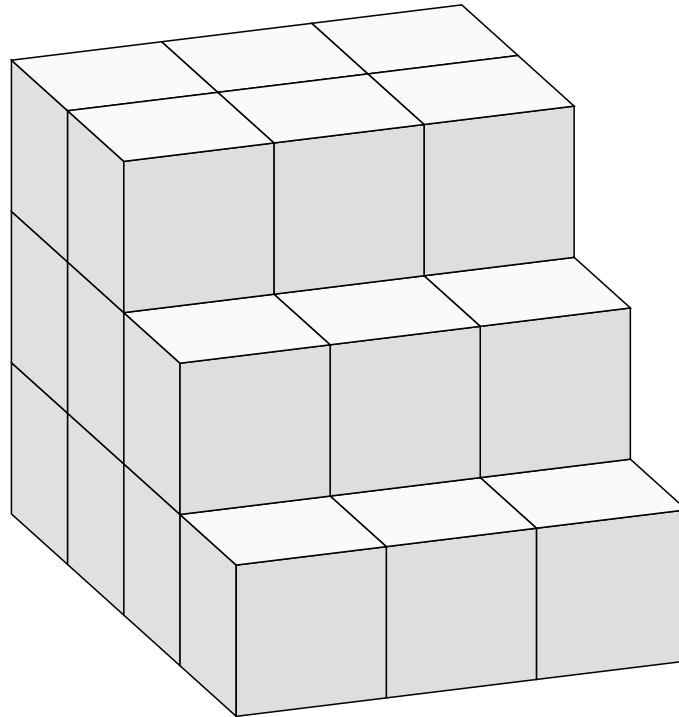
Eine mögliche Lösung



Somafiguren

19

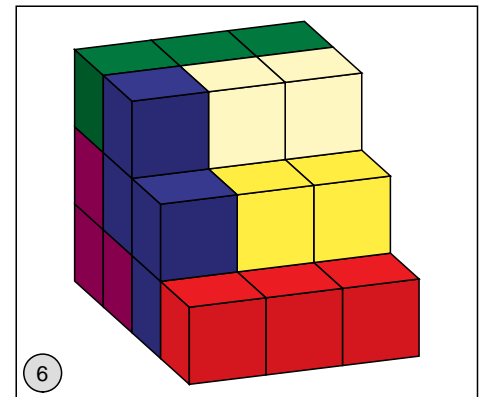
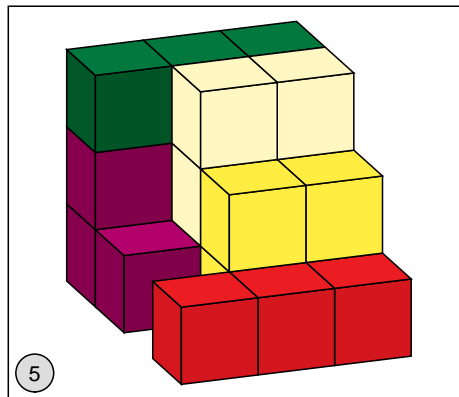
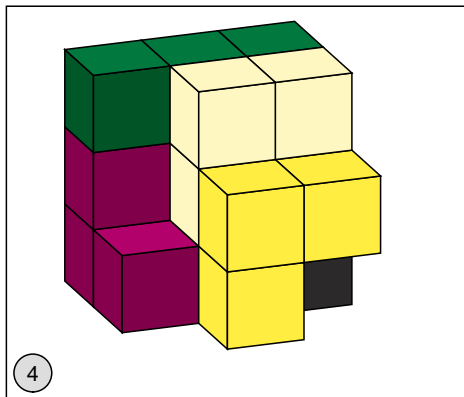
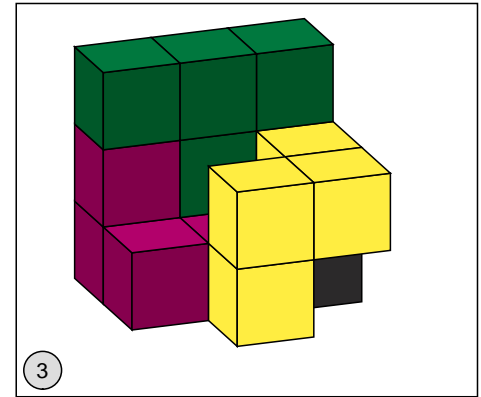
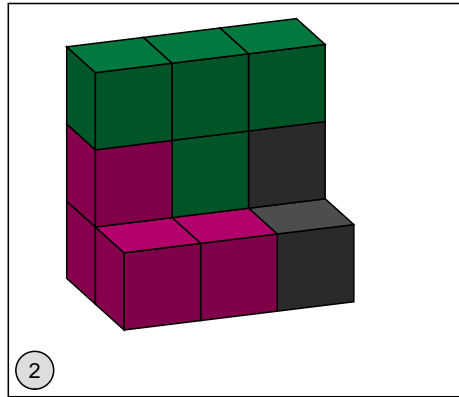
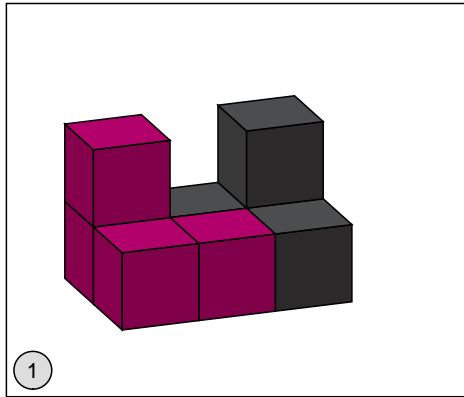
Aufgabe: Baue die Treppe aus allen sieben Somateilen.



Treppe



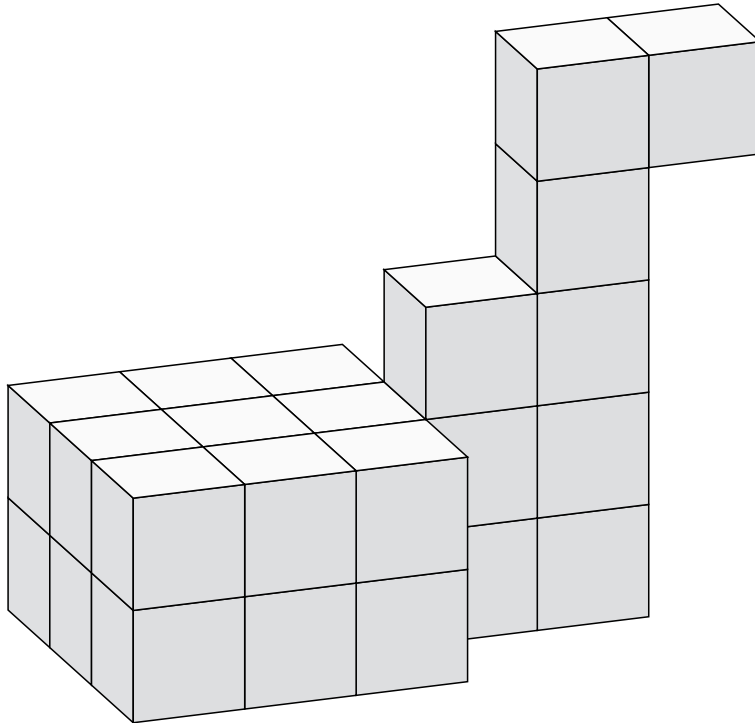
Eine mögliche Lösung



Somafiguren

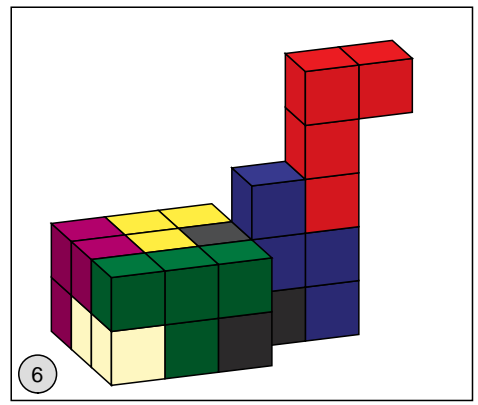
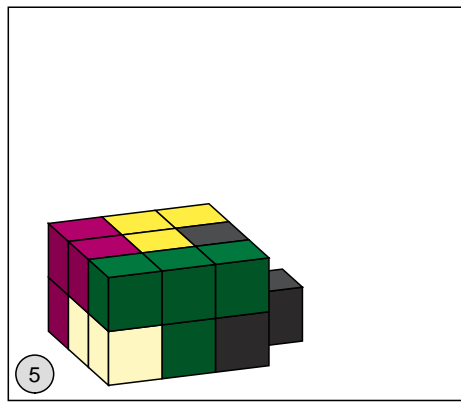
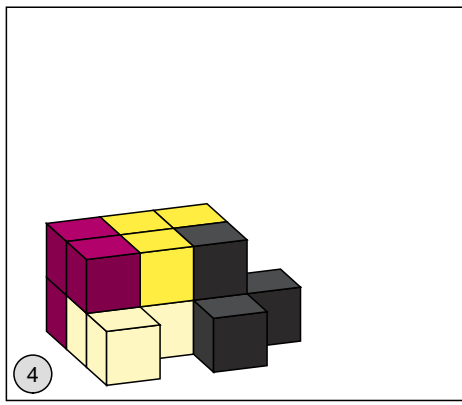
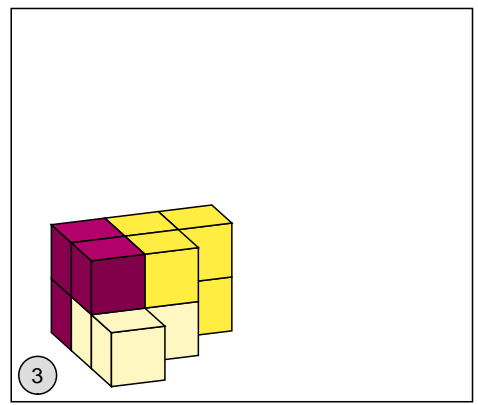
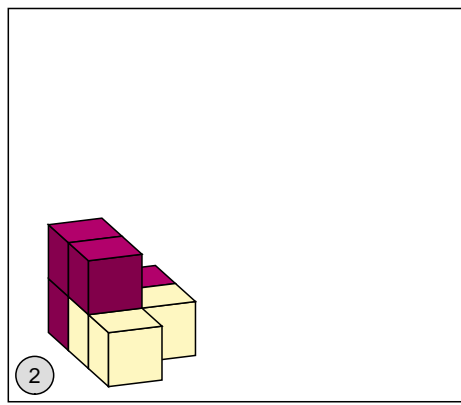
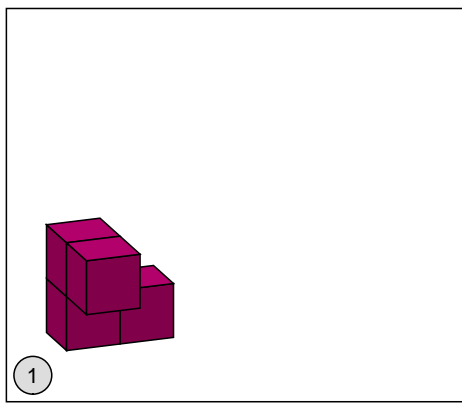
20

Aufgabe: Baue die Schnecke aus allen sieben Somateilen.



Schnecke

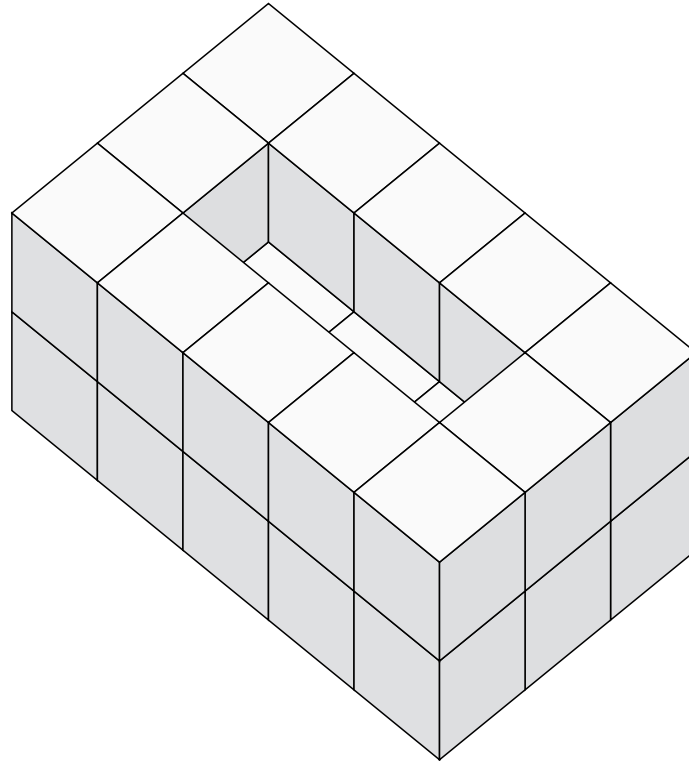




Somafiguren

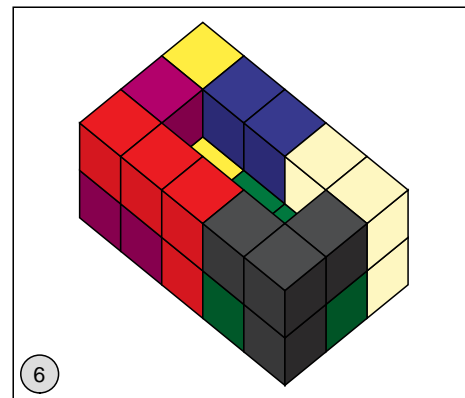
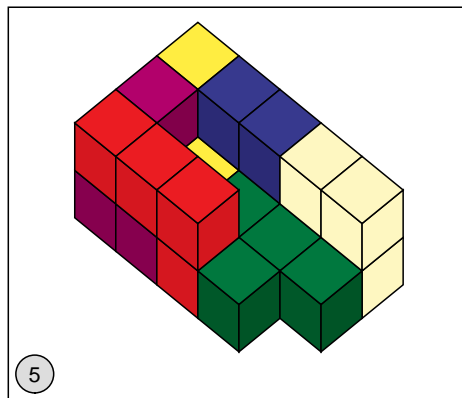
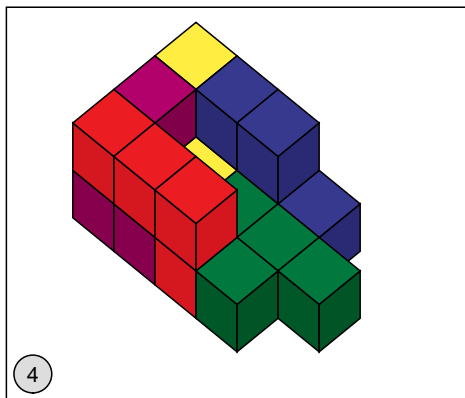
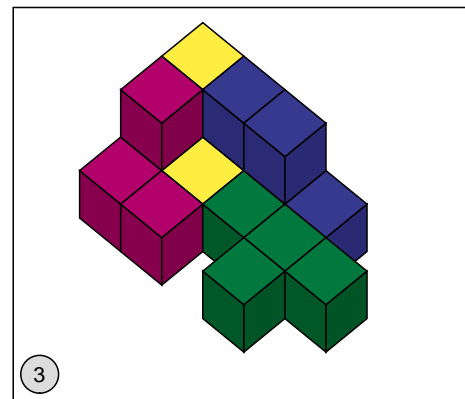
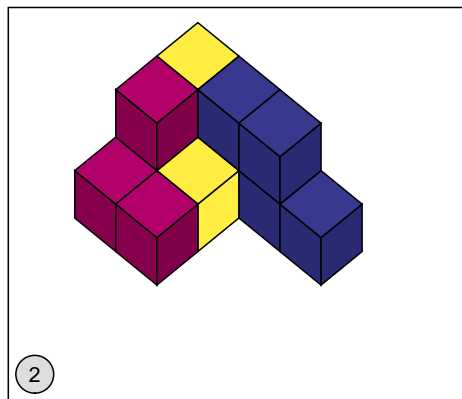
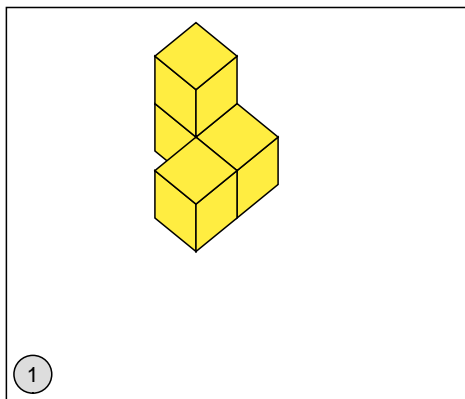
21

Aufgabe: Baue die Wanne aus allen sieben Somateilen.



Wanne

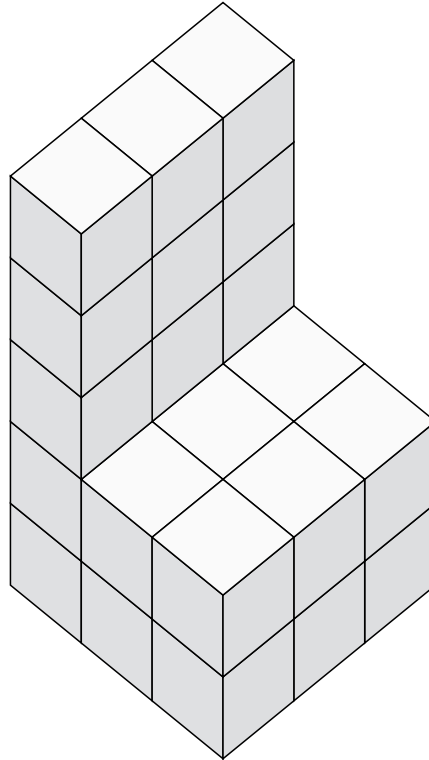




Somafiguren

22

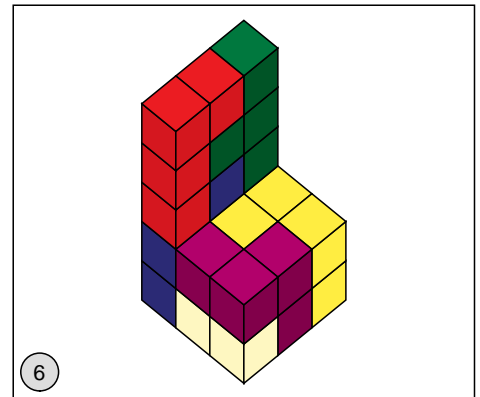
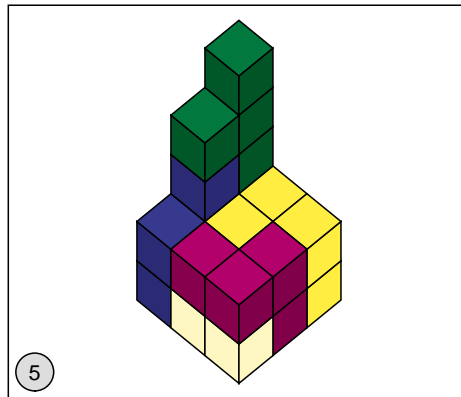
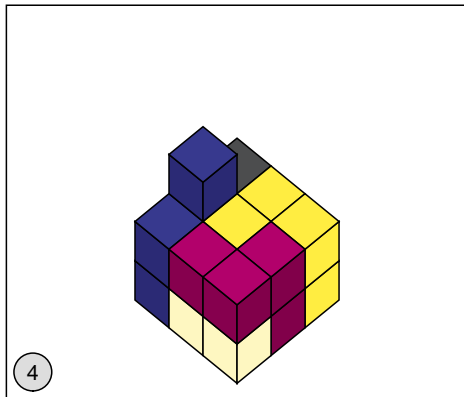
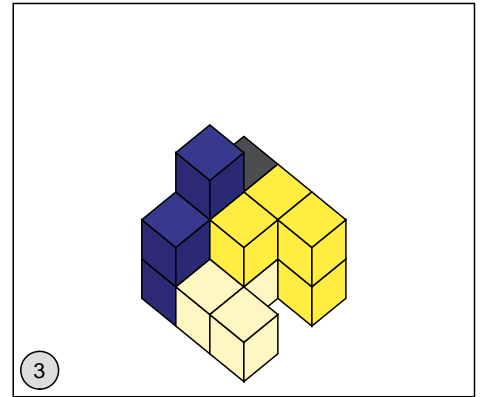
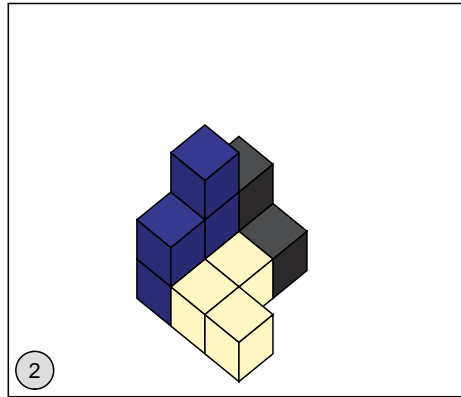
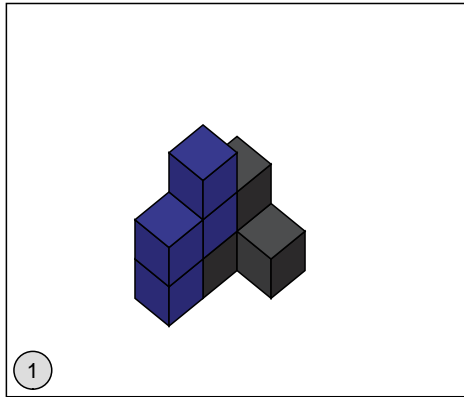
Aufgabe: Baue den Stuhl aus allen sieben Somateilen.



Stuhl



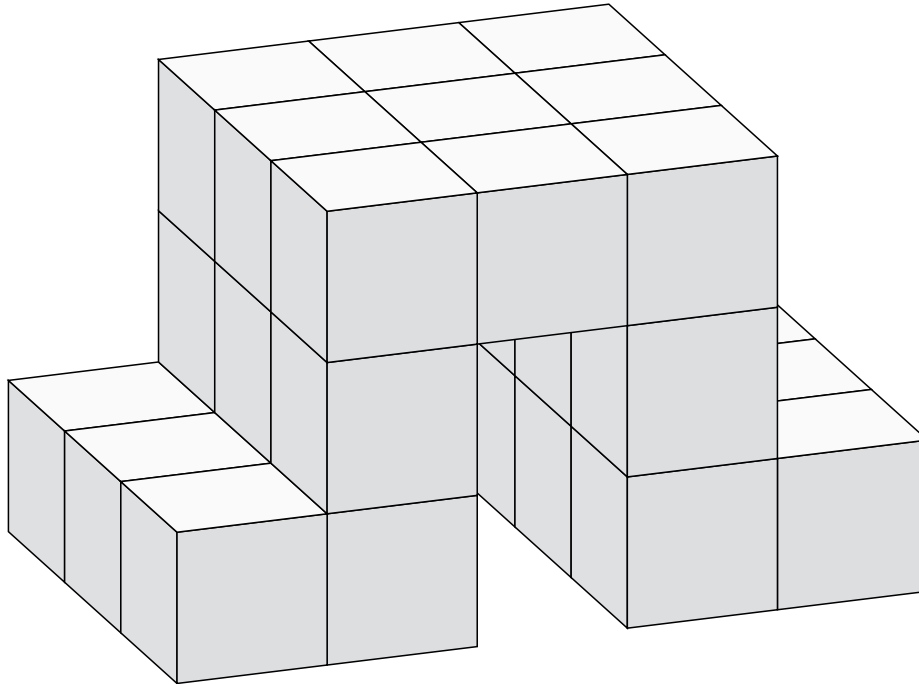
Eine mögliche Lösung



Somafiguren

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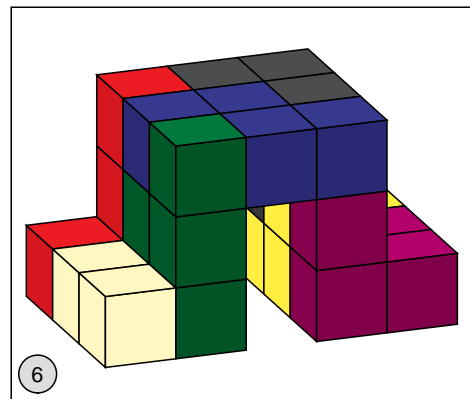
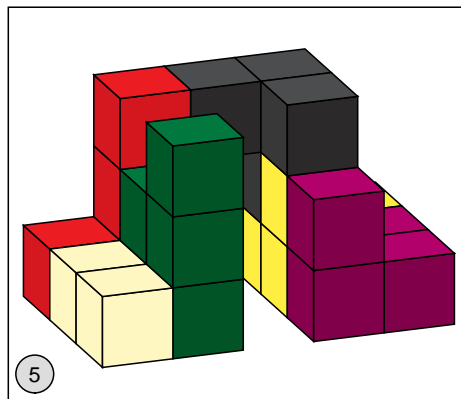
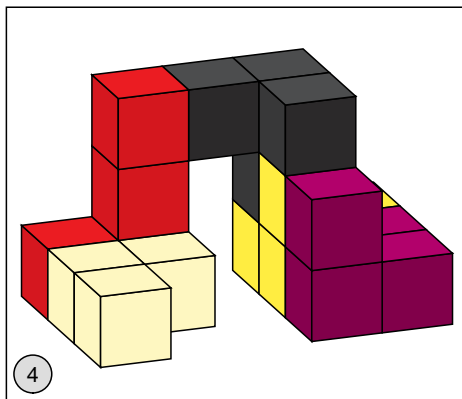
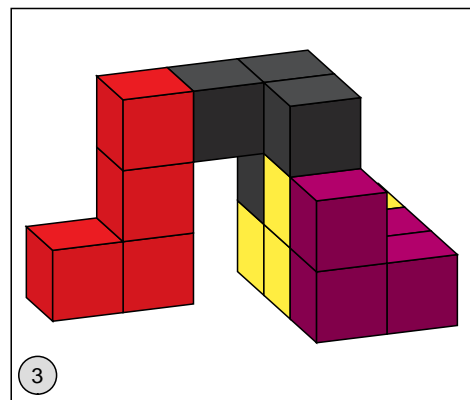
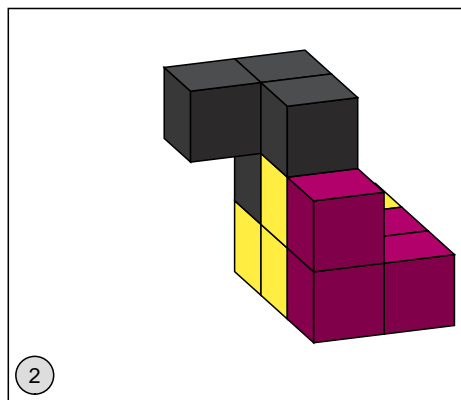
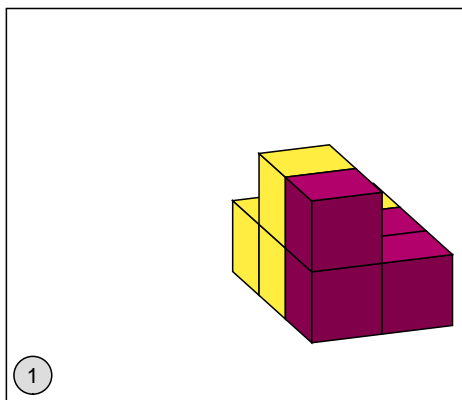
Aufgabe: Baue den Tunnel aus allen sieben Somateilen.



Tunnel



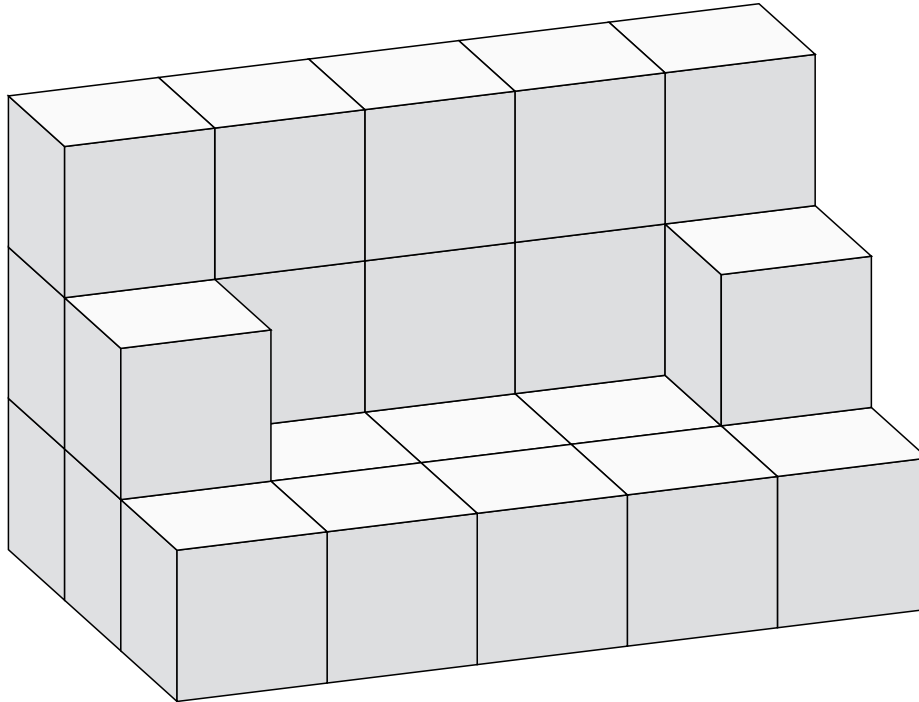
Eine mögliche Lösung



Somafiguren

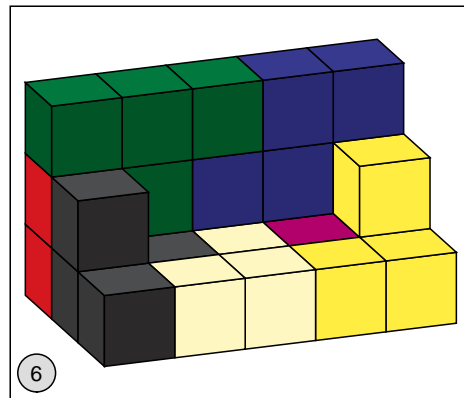
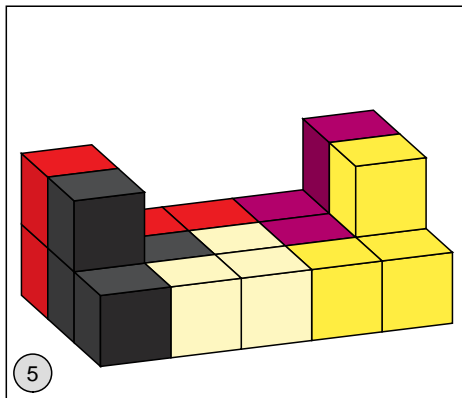
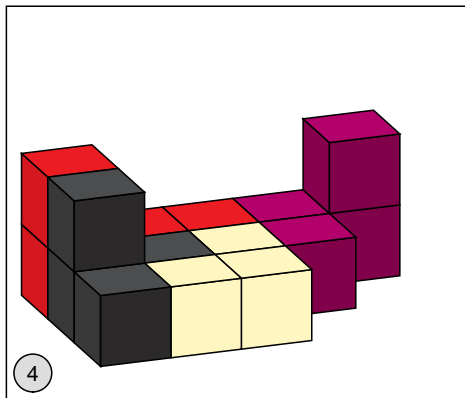
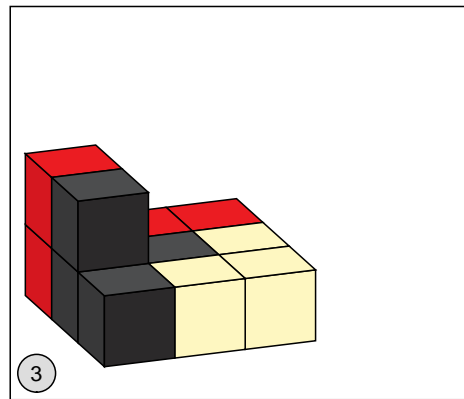
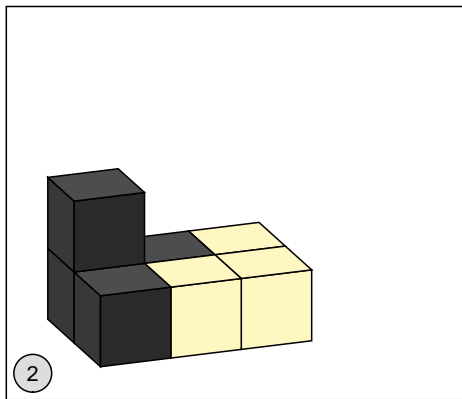
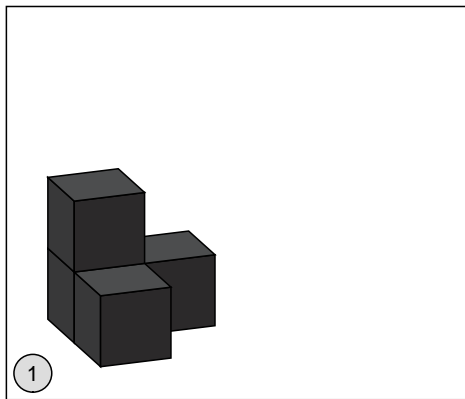
24

Aufgabe: Baue das Sofa aus allen sieben Somateilen.



Sofa

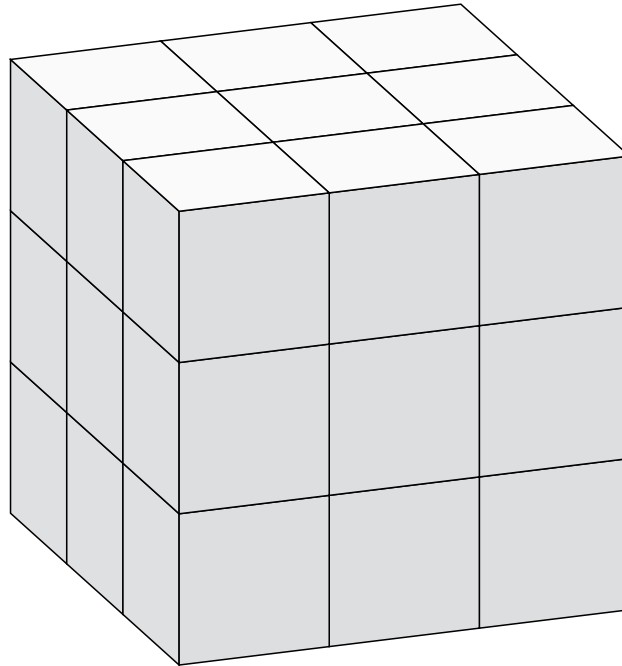




Somafiguren

25

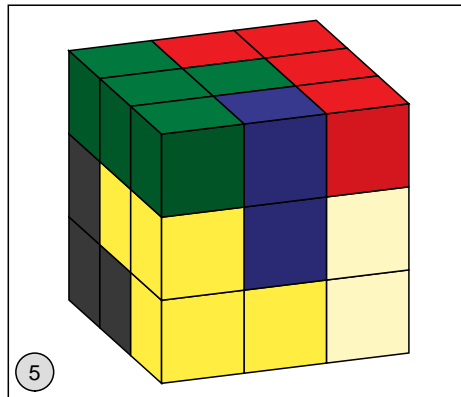
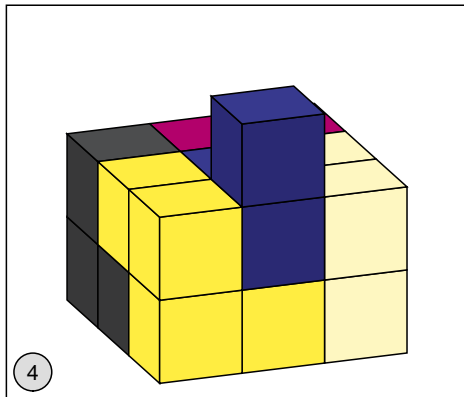
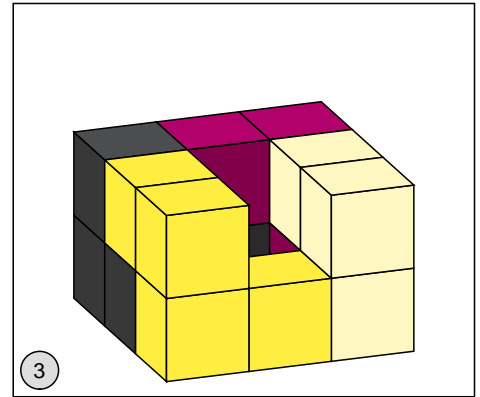
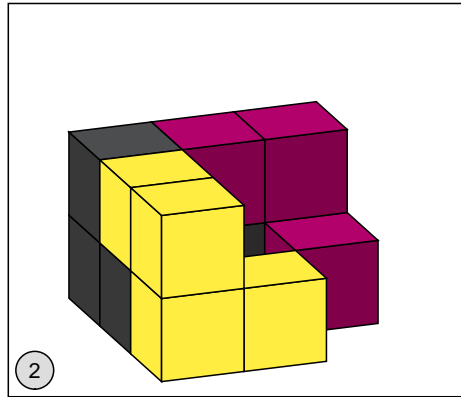
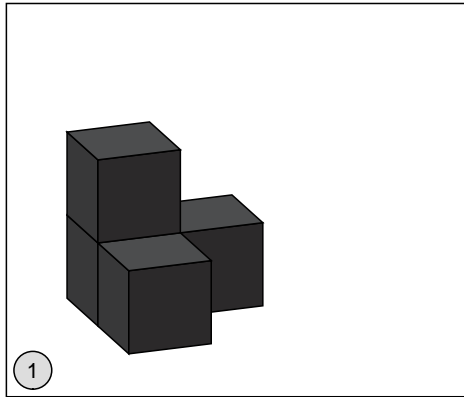
Aufgabe: Baue den Würfel aus allen sieben Somateilen.



Würfel



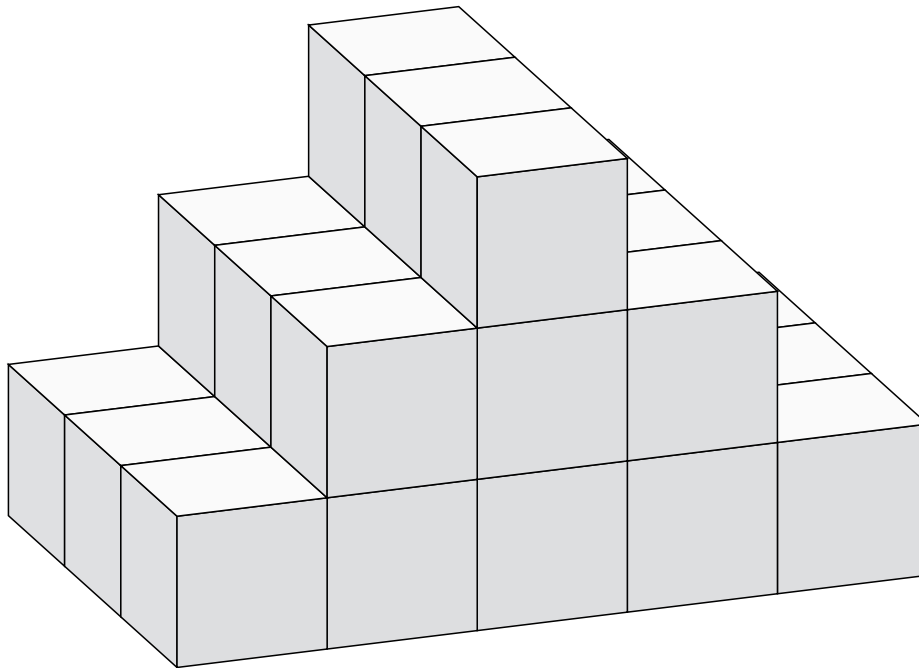
Eine mögliche Lösung



Somafiguren

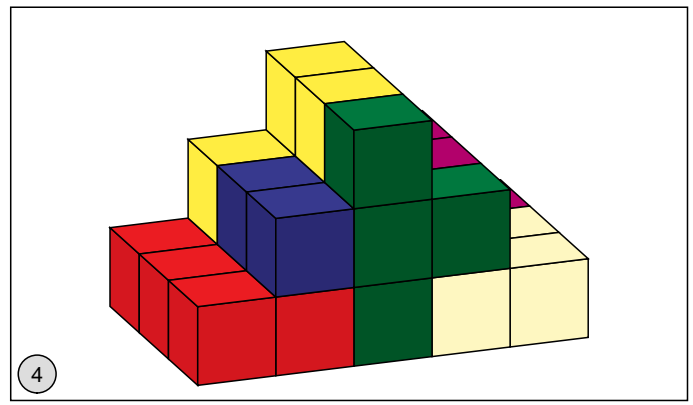
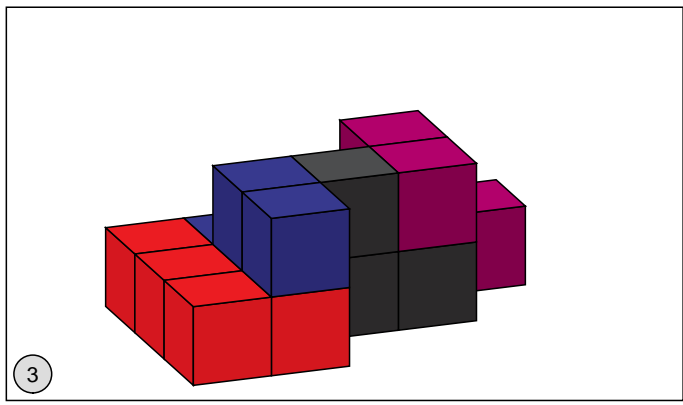
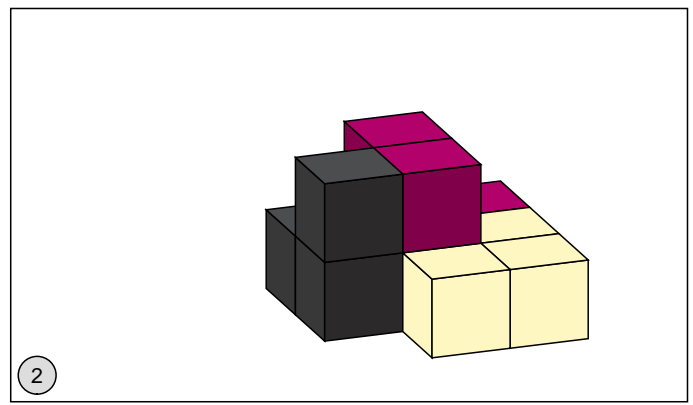
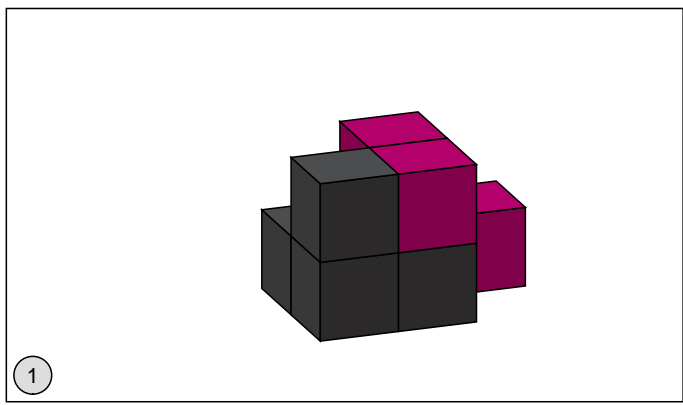
26

Aufgabe: Baue die Siegertreppe aus allen sieben Somateilen.



Siegertreppe

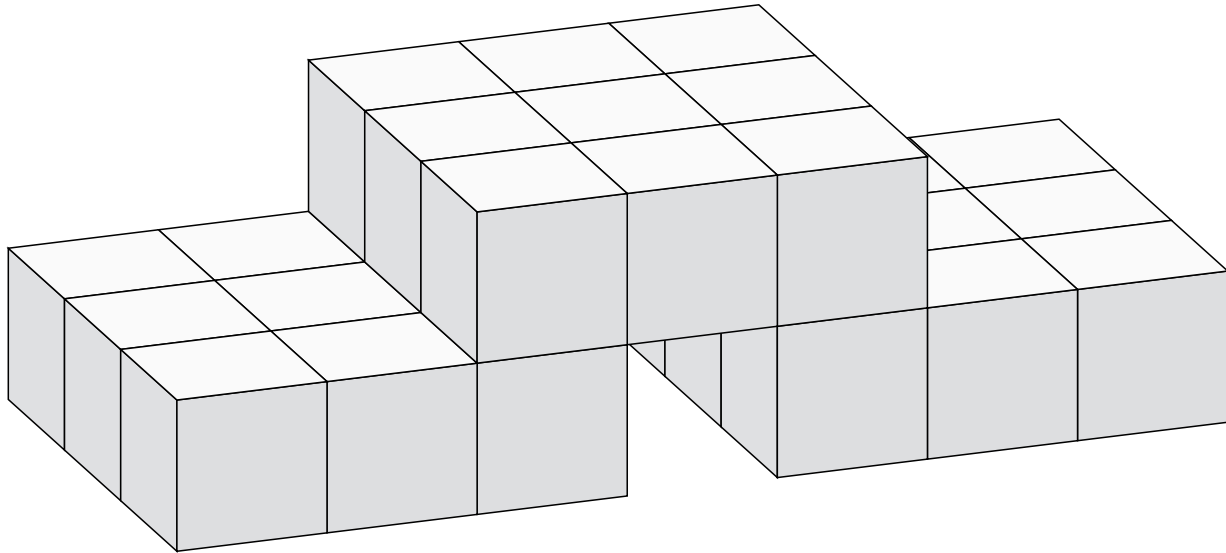




Somafiguren

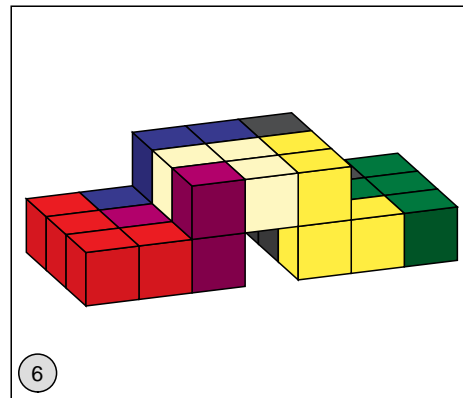
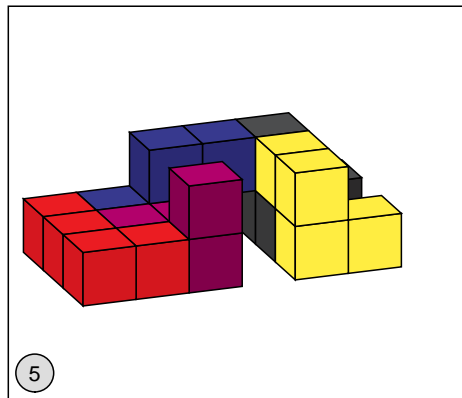
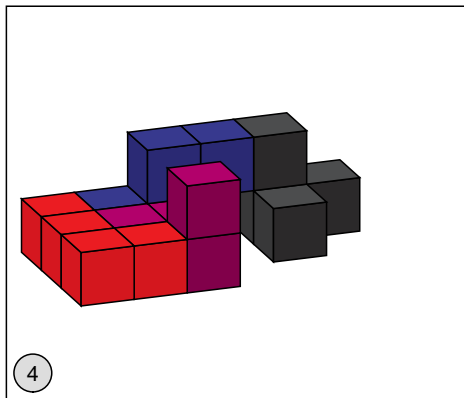
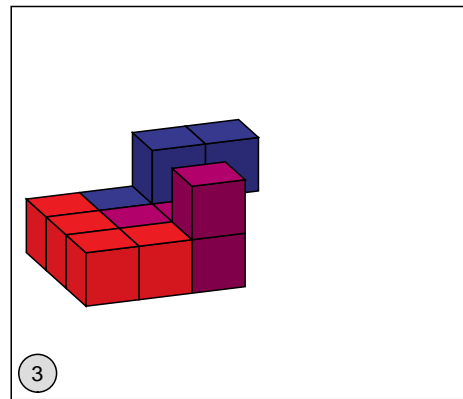
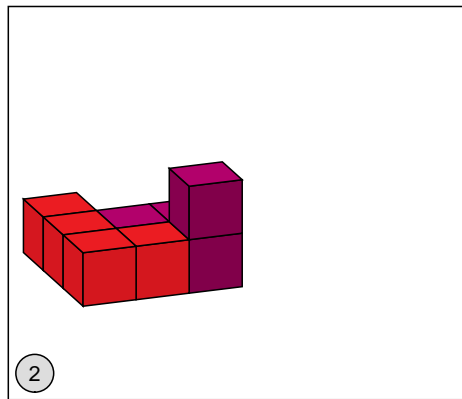
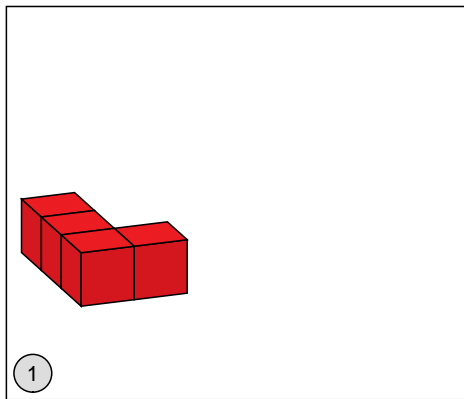
27

Aufgabe: Baue die Brücke aus allen sieben Somateilen.



Brücke

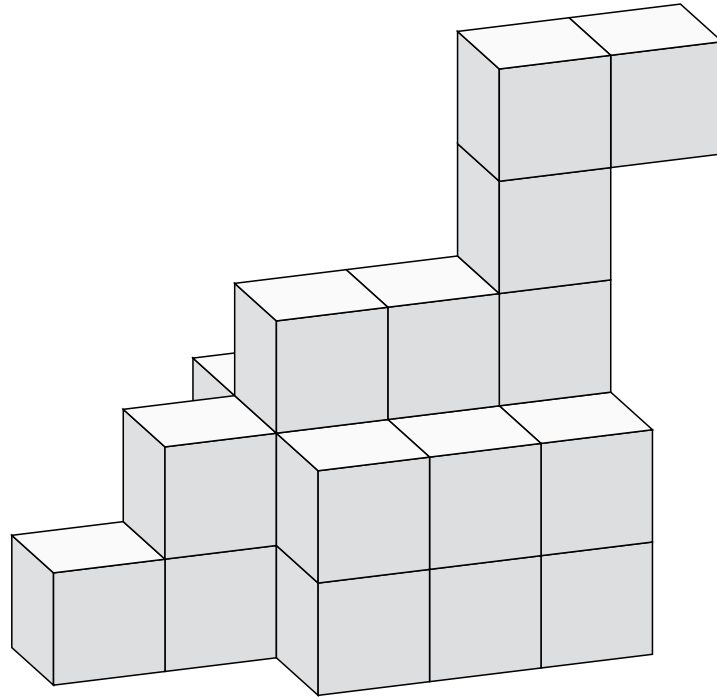




Somafiguren

28

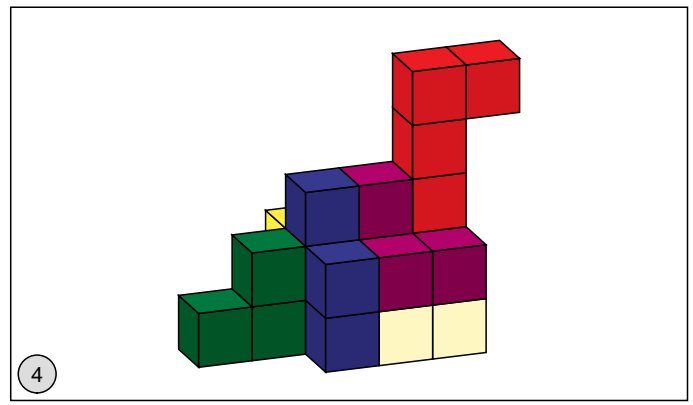
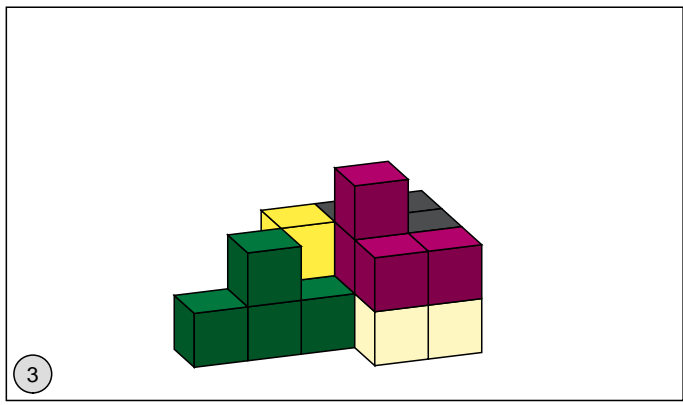
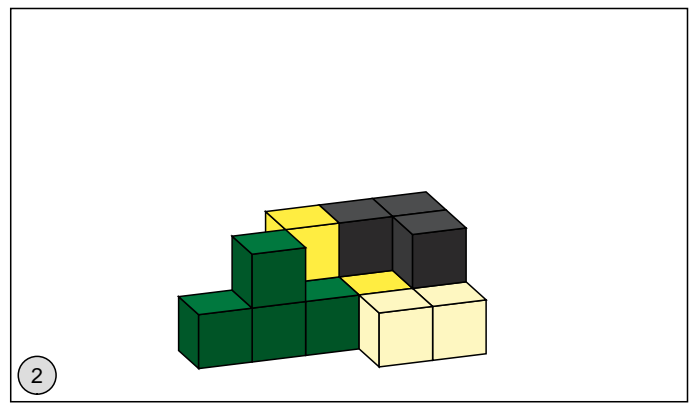
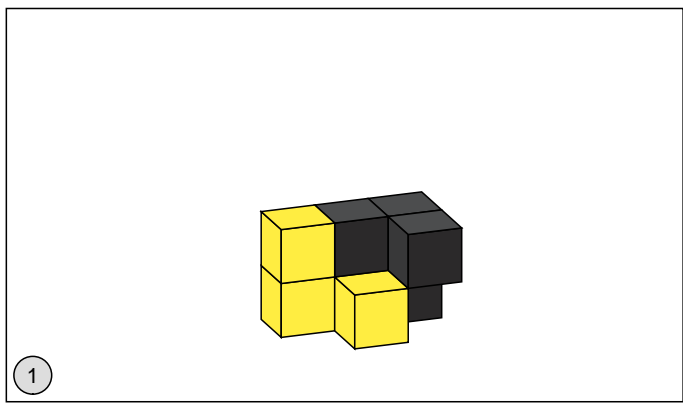
Aufgabe: Baue den Regenwurm aus allen sieben Somateilen.



Regenwurm



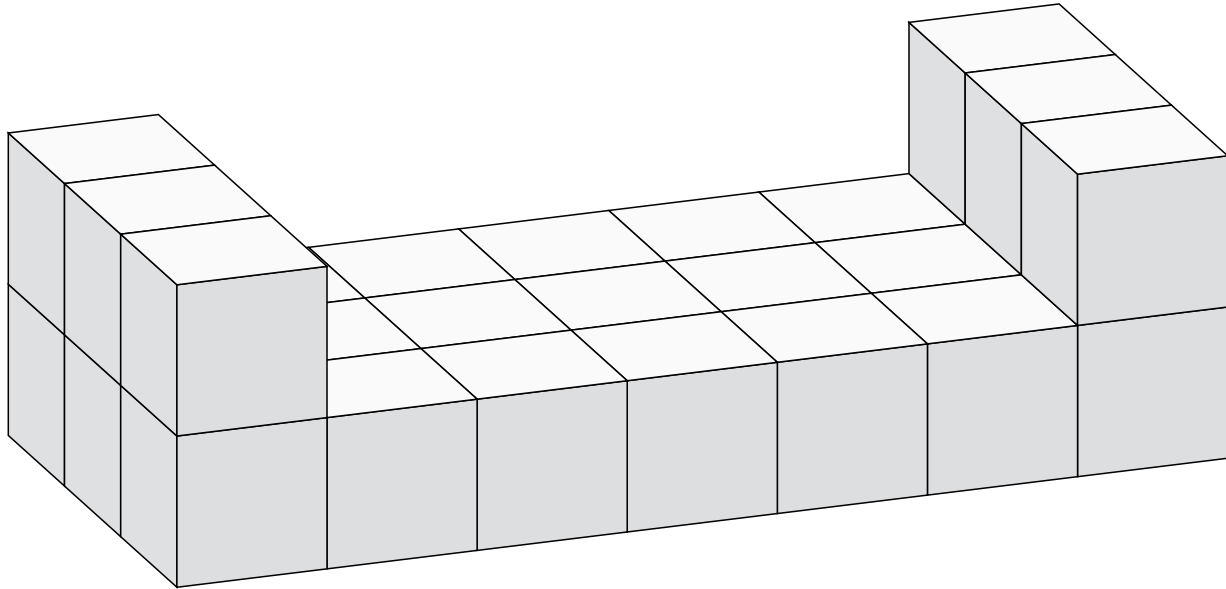
Eine mögliche Lösung



Somafiguren

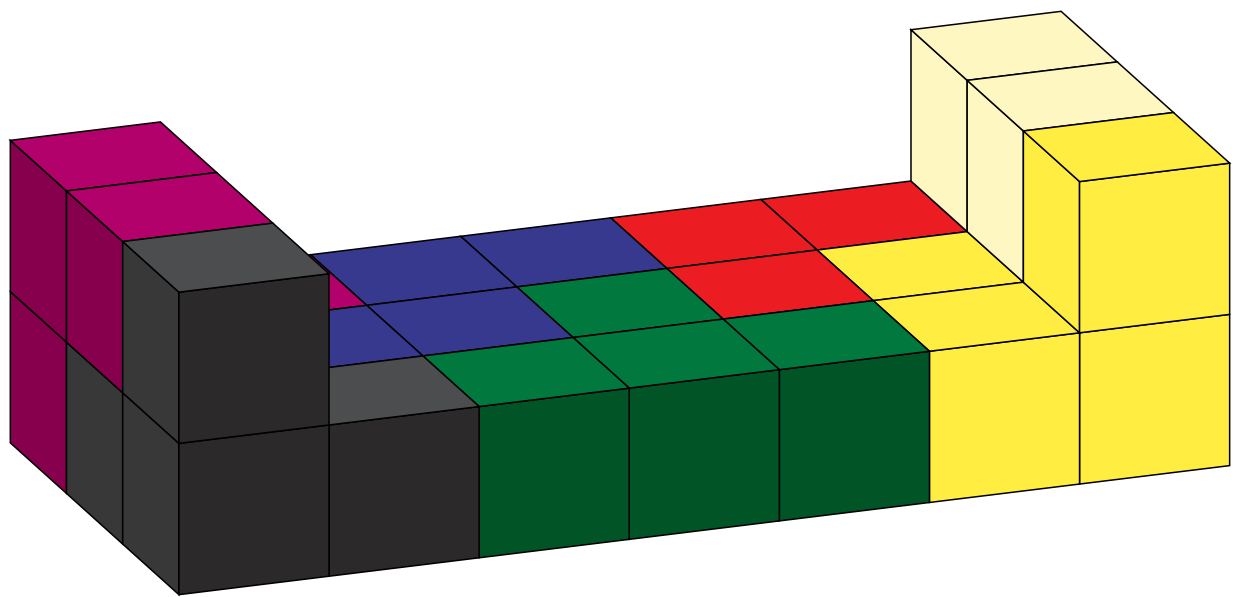
29

Aufgabe: Baue das Bett aus allen sieben Somateilen.



Bett

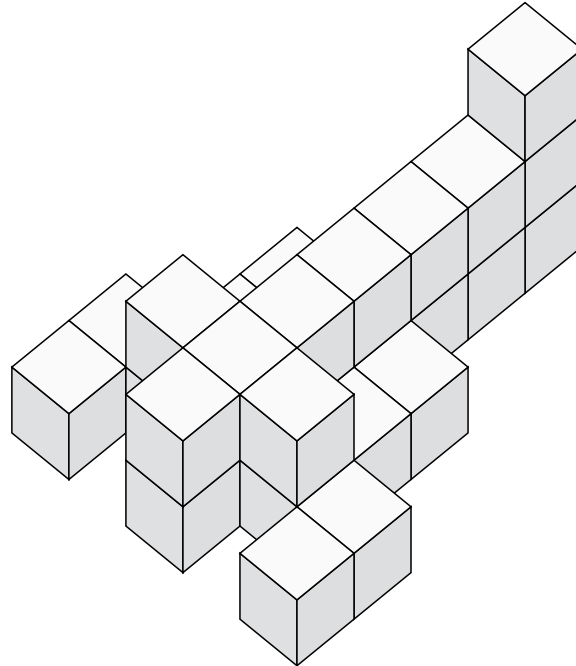




Somafiguren

30

Aufgabe: Baue den Skorpion aus allen sieben Somateilen.



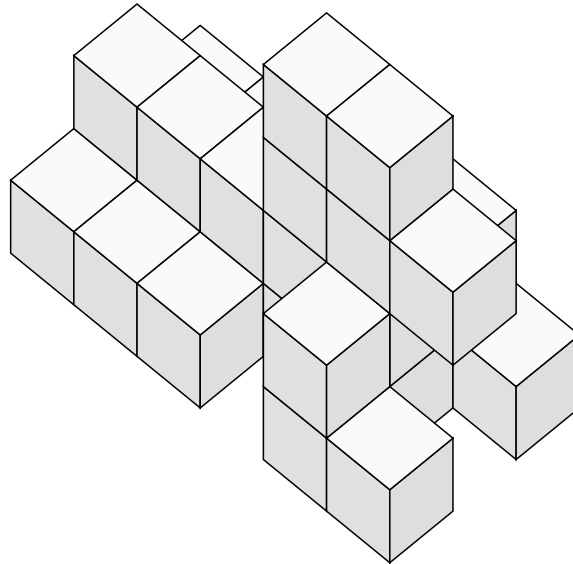
Skorpion



Somafiguren

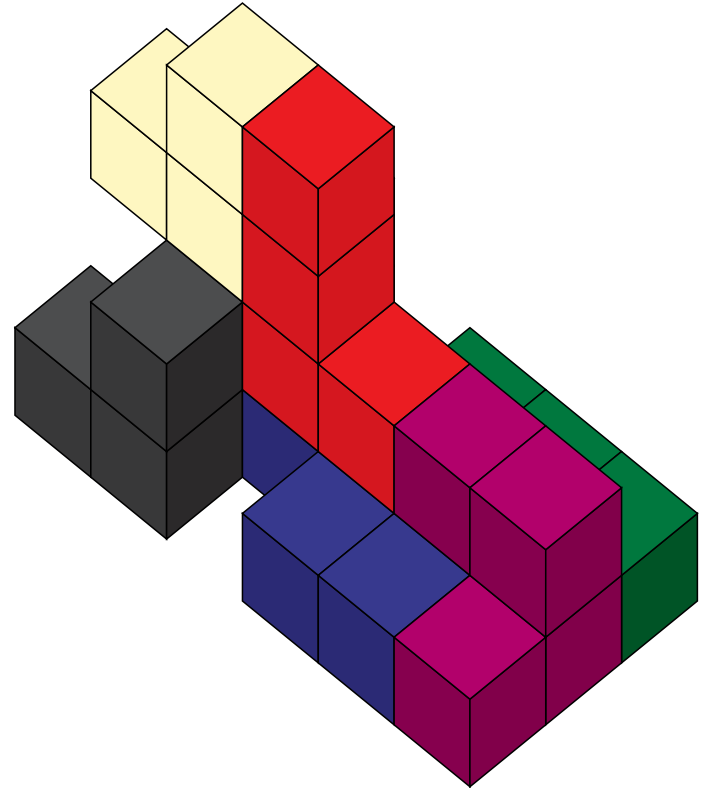
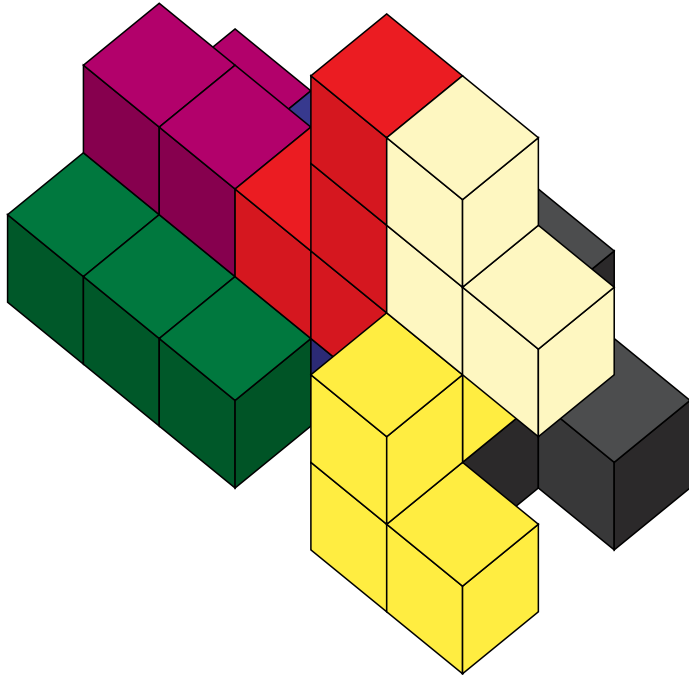
31

Aufgabe: Baue den Hund aus allen sieben Somateilen.



Hund

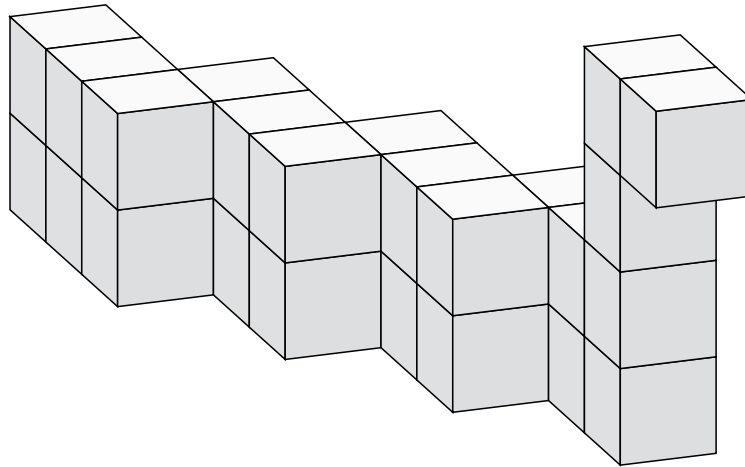




Somafiguren

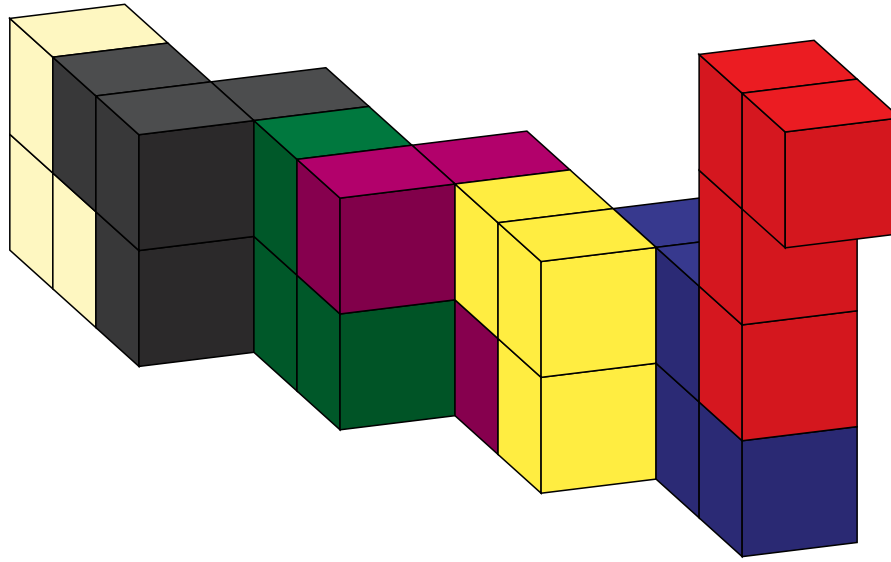
32

Aufgabe: Baue die Schlange aus allen sieben Somateilen.



Schlange

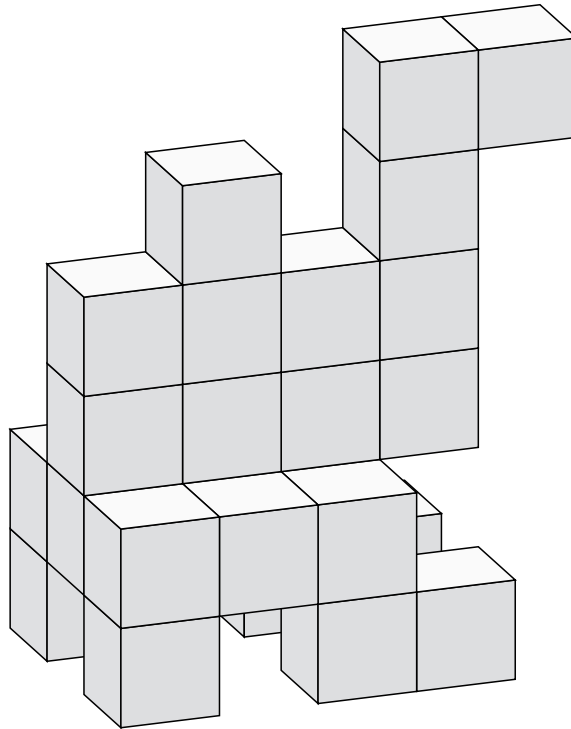




Somafiguren

33

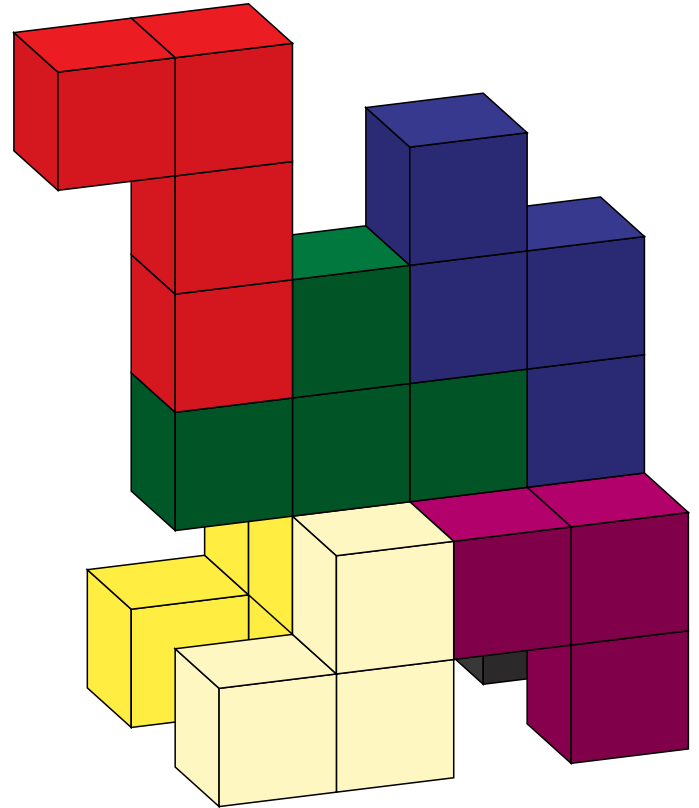
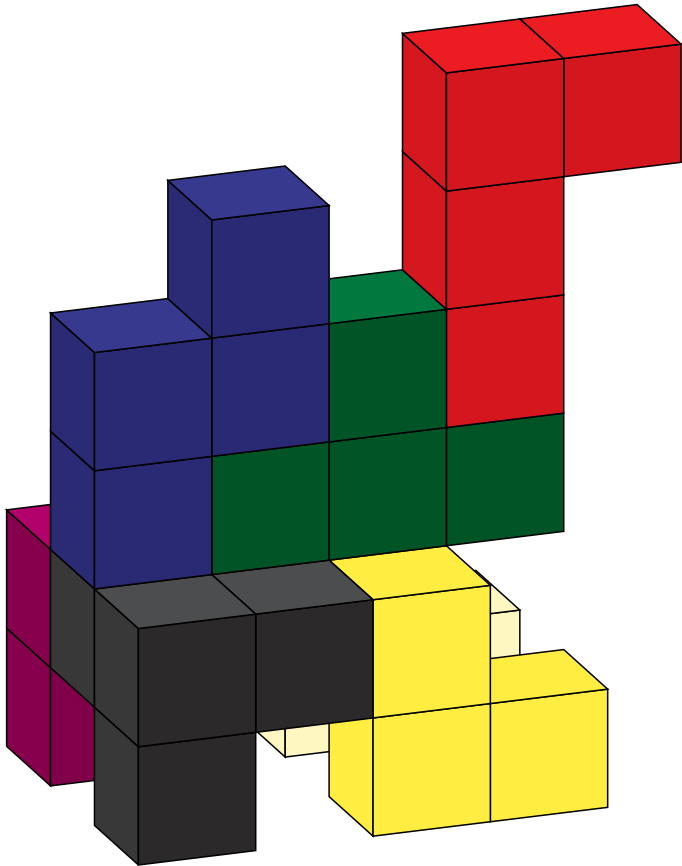
Aufgabe: Baue das Kamel aus allen sieben Somateilen.



Kamel



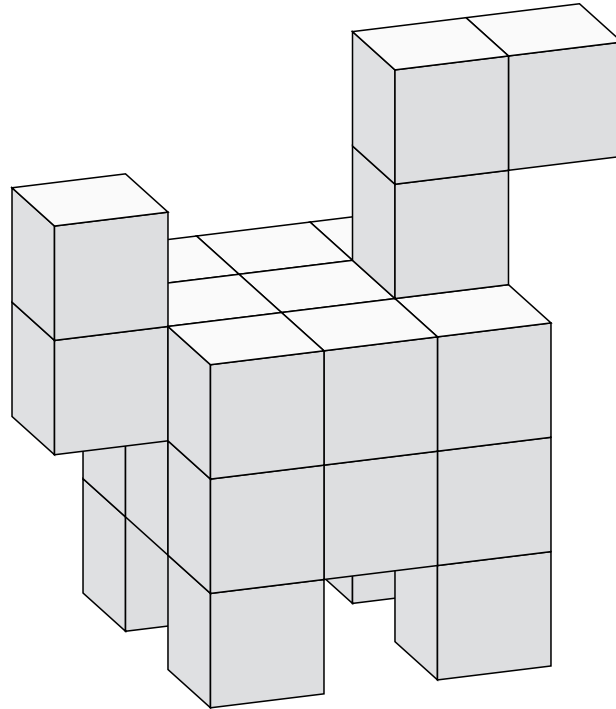
Eine mögliche Lösung



Somafiguren

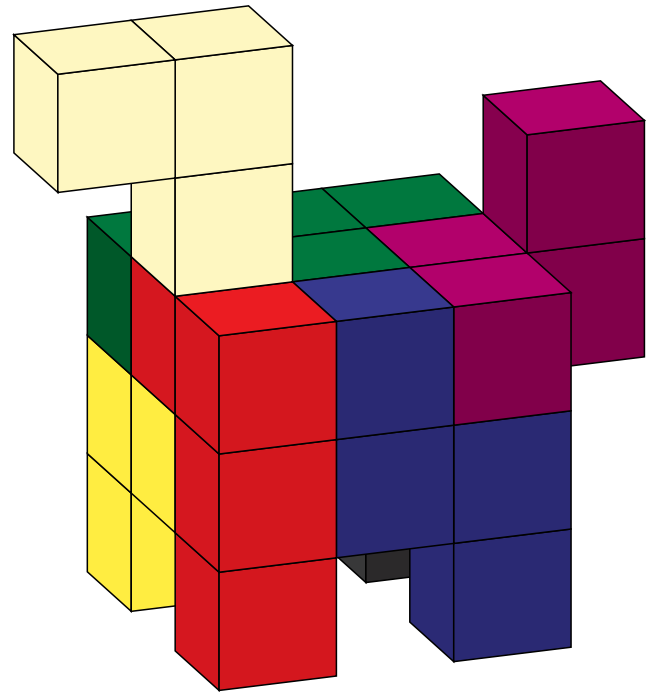
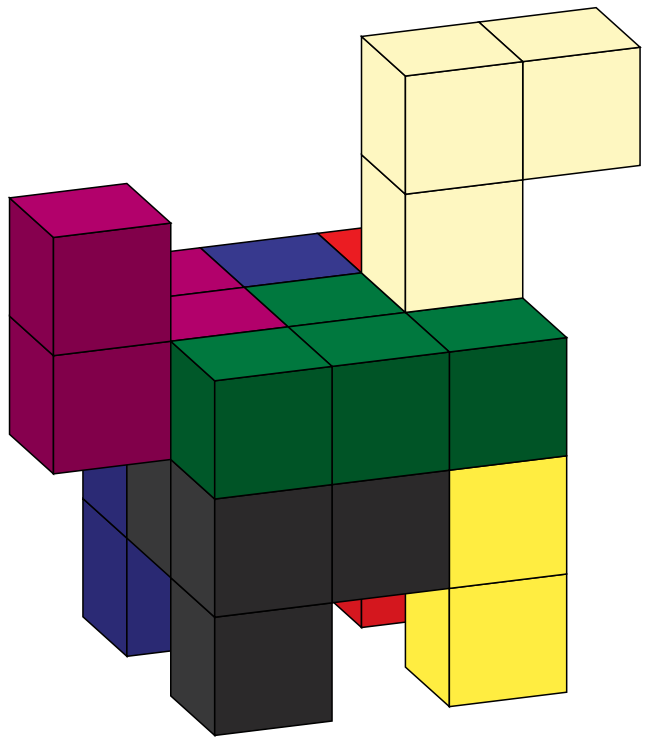
34

Aufgabe: Baue die Katze aus allen sieben Somateilen.



Katze

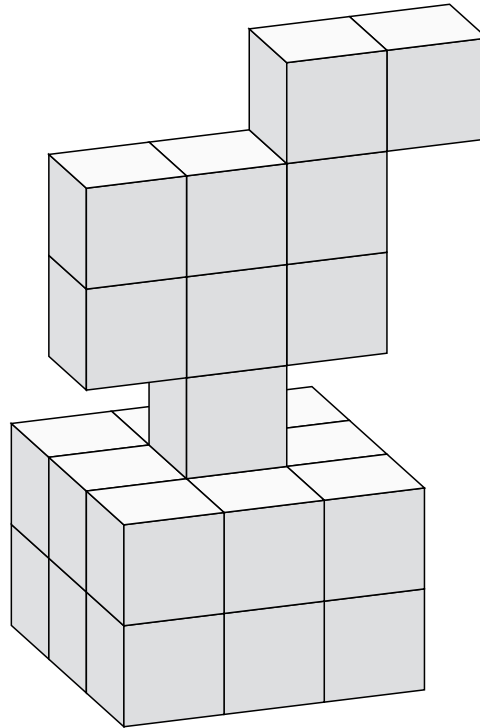




Somafiguren

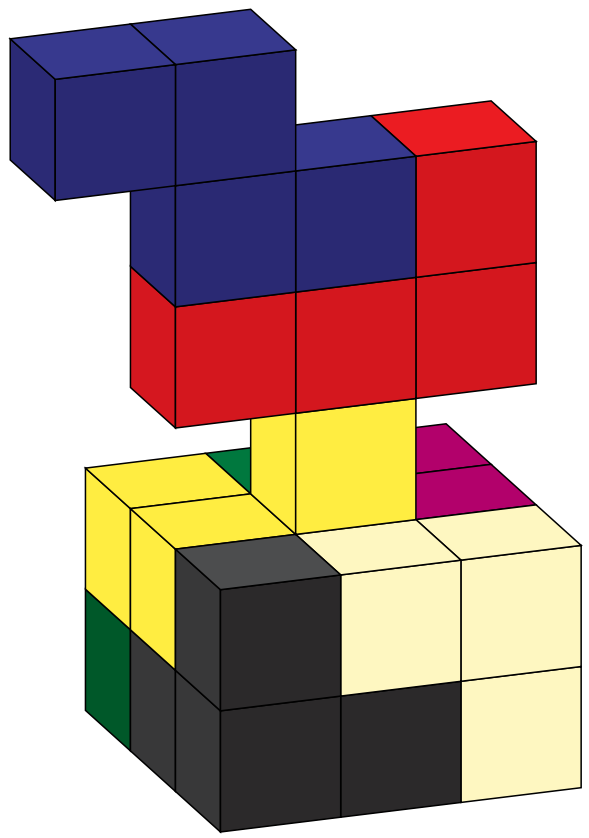
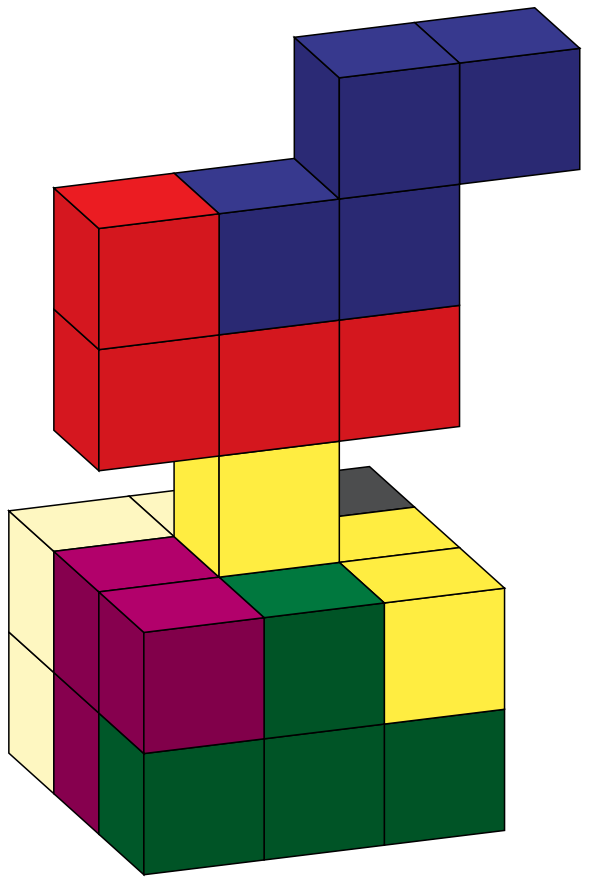
35

Aufgabe: Baue den Wetterhahn aus allen sieben Somateilen.



Wetterhahn

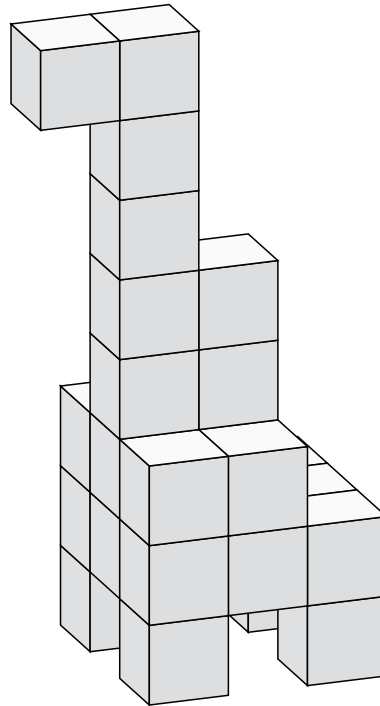




Somafiguren

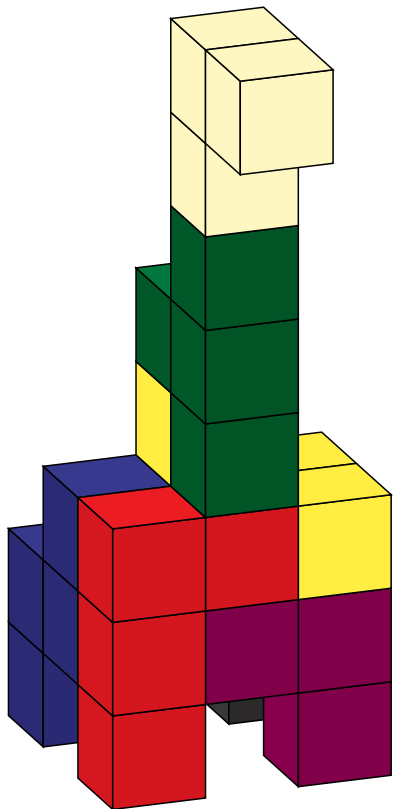
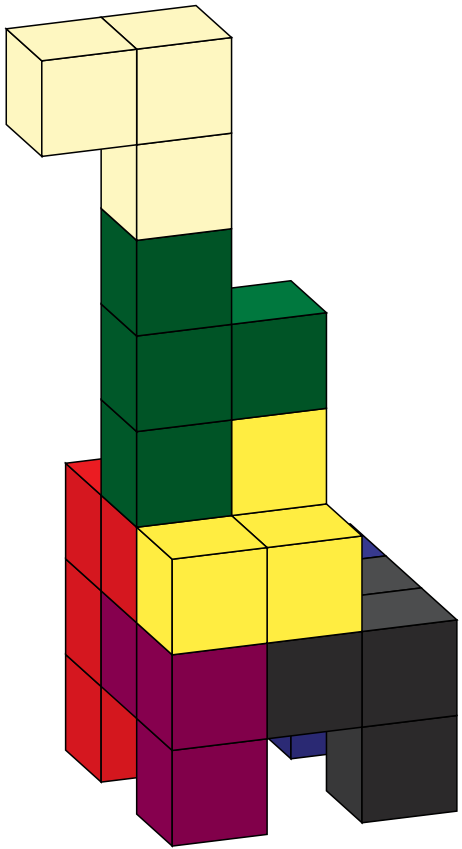
36

Aufgabe: Baue die Giraffe aus allen sieben Somateilen.



Giraffe

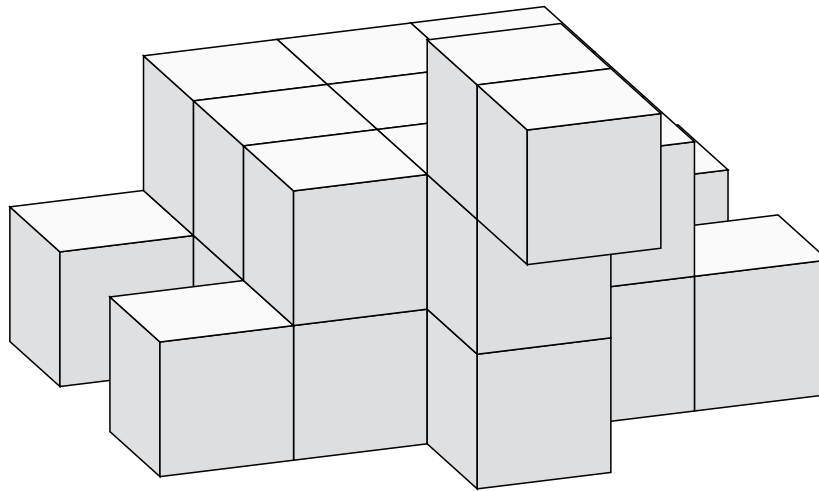




Somafiguren

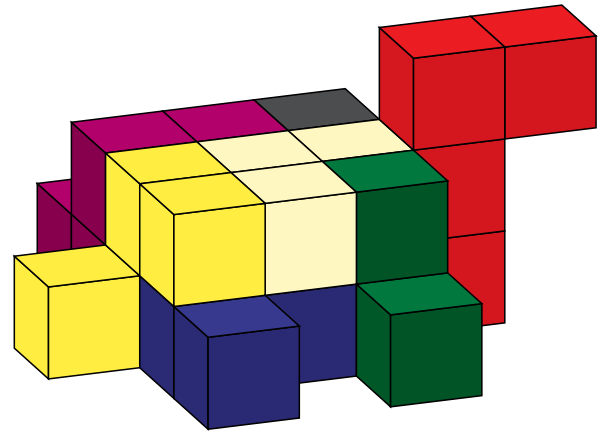
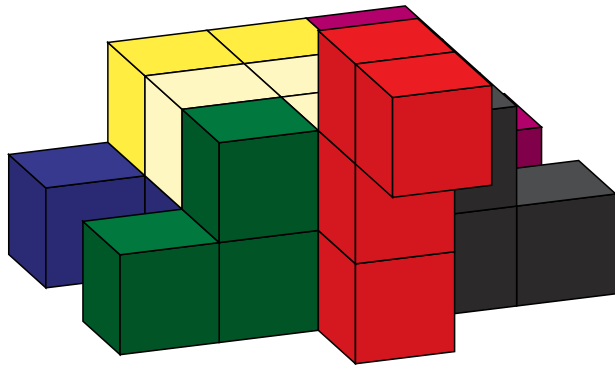
37

Aufgabe: Baue die Schildkröte aus allen sieben Somateilen.



Schildkröte

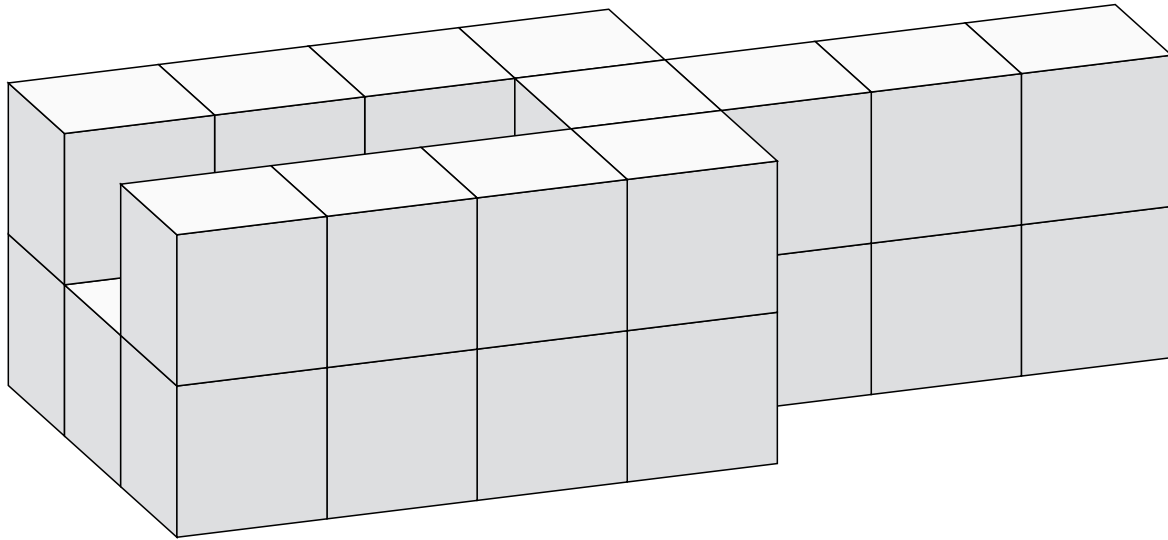




Somafiguren

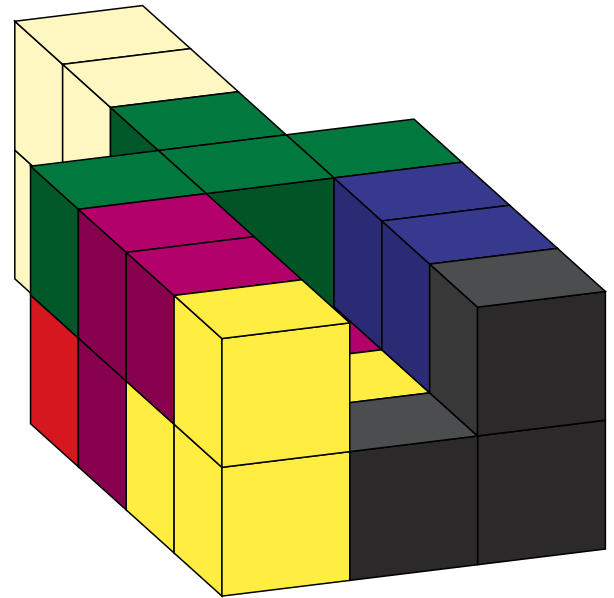
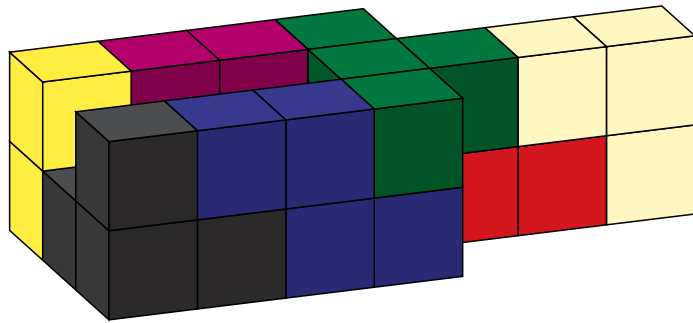
38

Aufgabe: Baue die Schaufel aus allen sieben Somateilen.



Schaufel

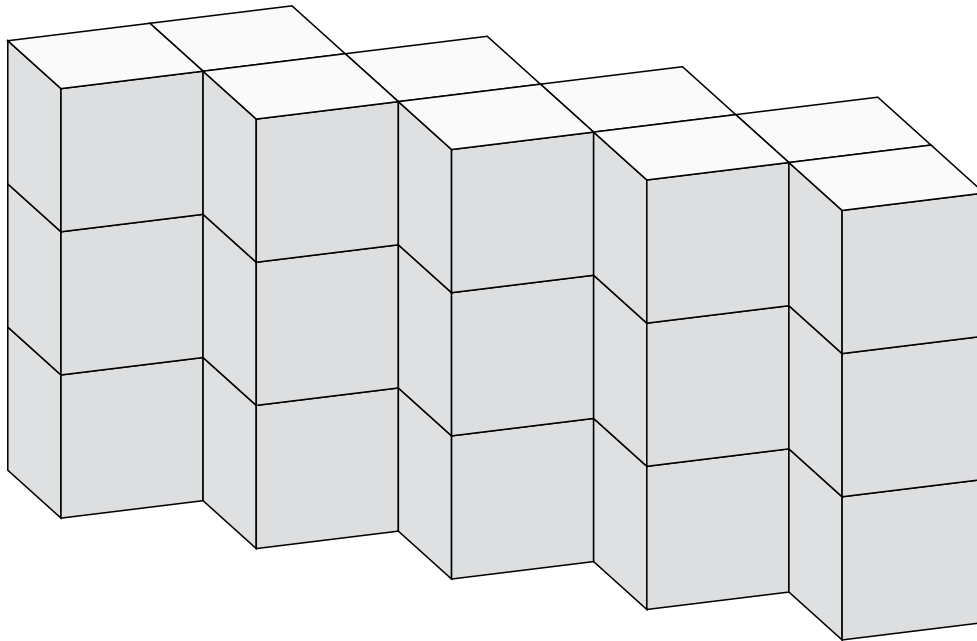




Somafiguren

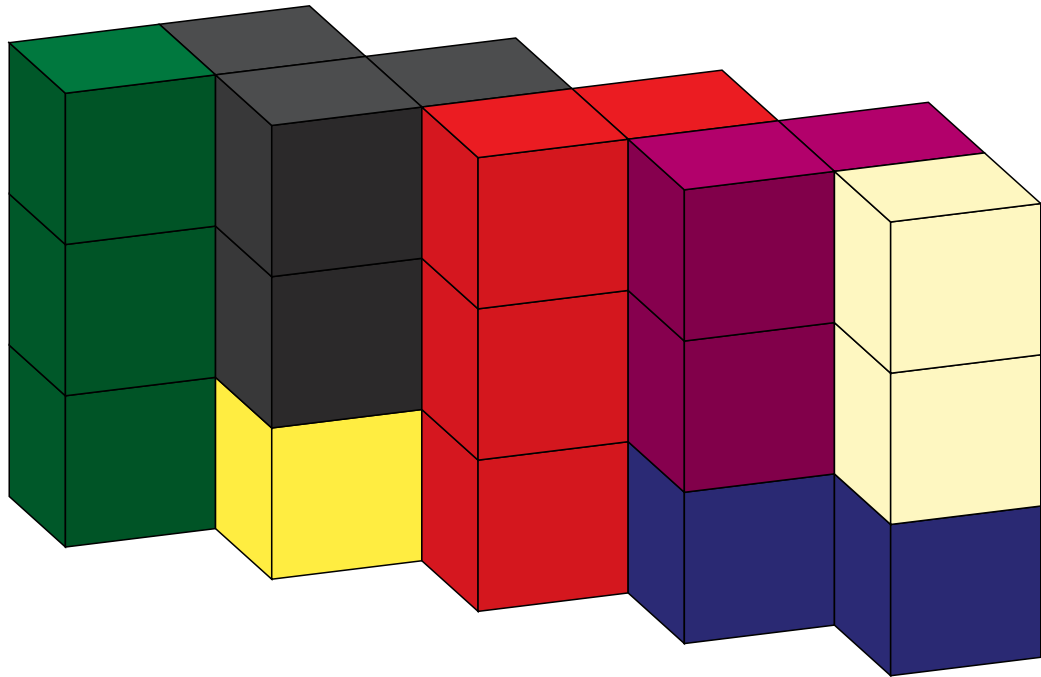
39

Aufgabe: Baue die Mauer aus allen sieben Somateilen.



Mauer

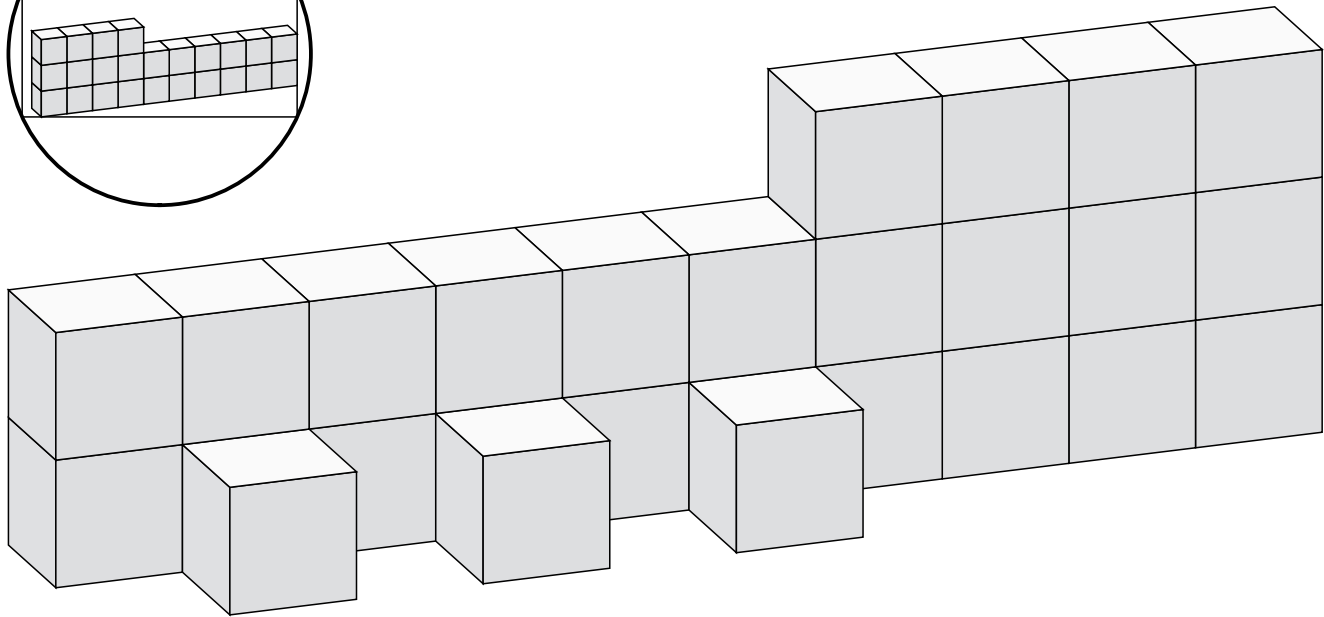
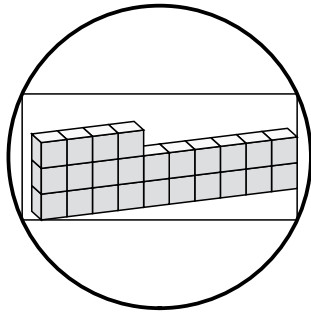




Somafiguren

40

Aufgabe: Baue den Schlüssel aus allen sieben Somateilen.



Schlüssel



