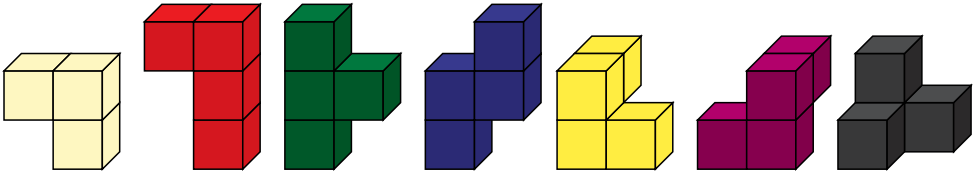


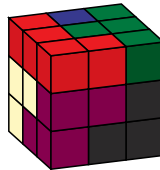
# SOMA-Würfel

## Einführung

Der SOMA-Würfel besteht aus sieben Somasteinen:

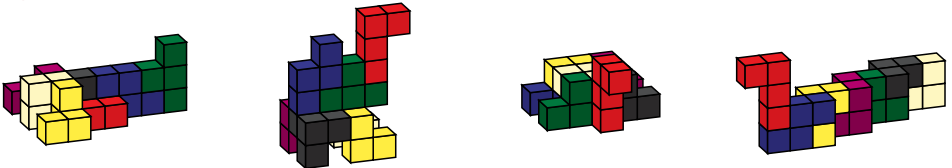


Das Grundproblem des SOMA-Würfels ist es, aus den sieben Einzelteilen einen Würfel zusammenzusetzen:



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:



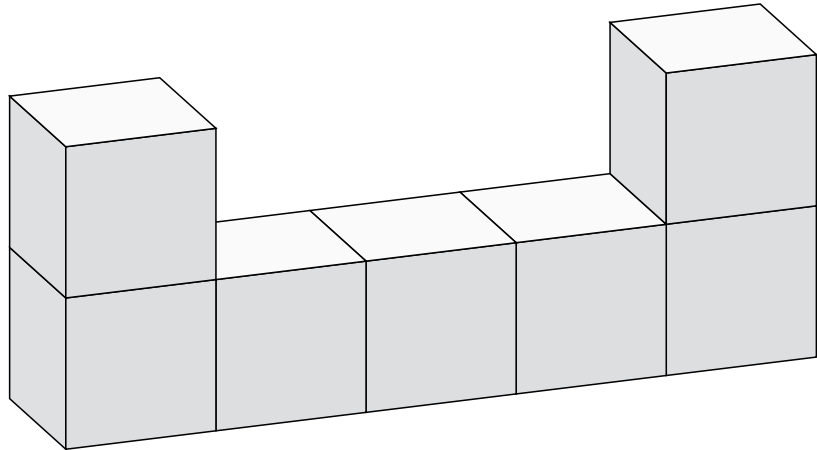
### Hinweis

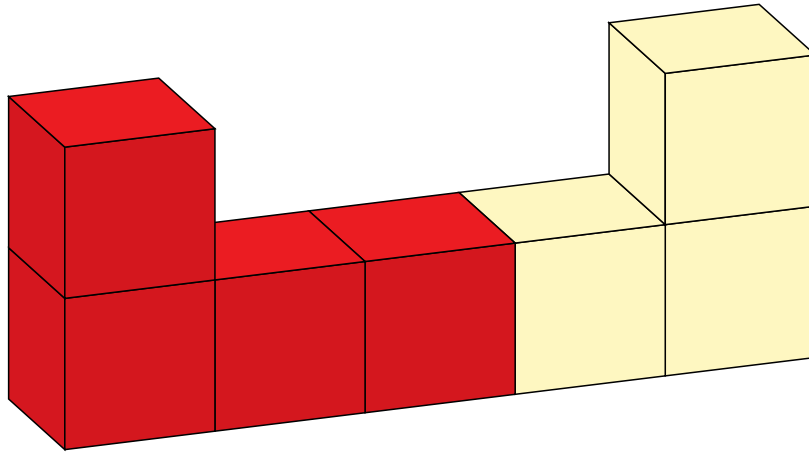
Bei den Aufgabenkarten sind auf der Rückseite die Lösungen abgedruckt. Versuche aber zuerst die Aufgabe alleine zu lösen.



# Somafiguren

Aufgabe: Baue das Kanu aus zwei Somateilen.

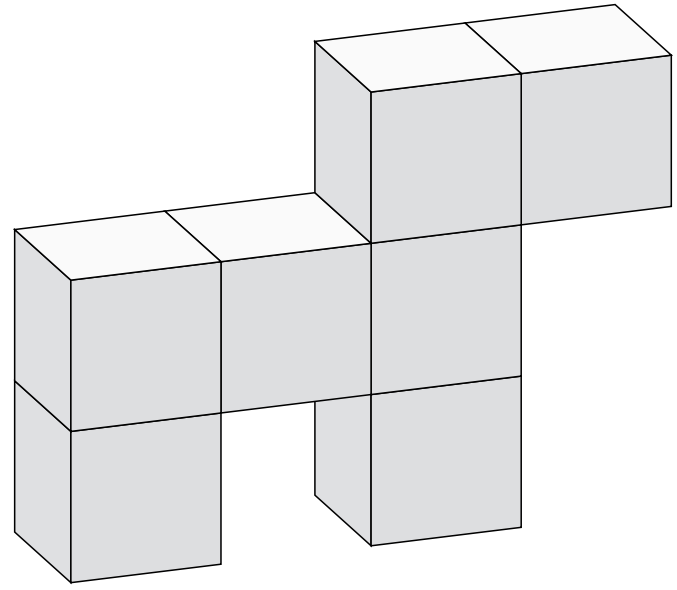


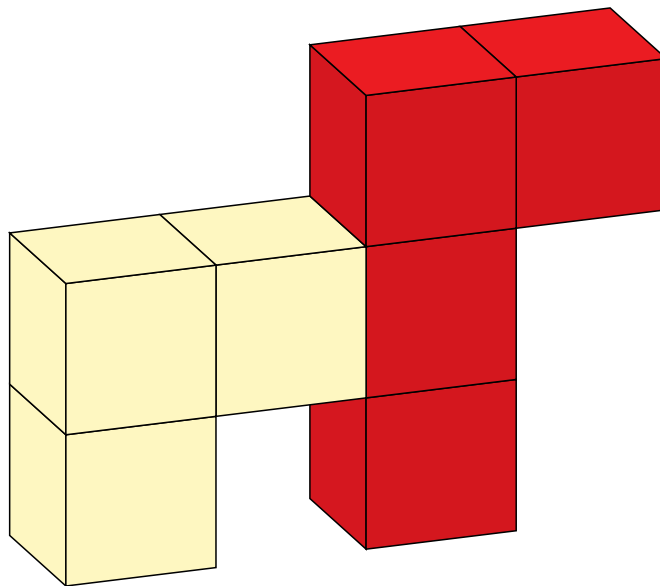




# Somafiguren

Aufgabe: Baue den Hund aus zwei Somateilen.

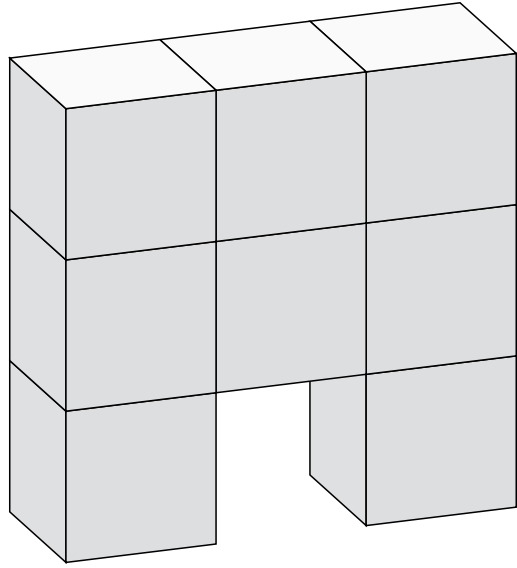


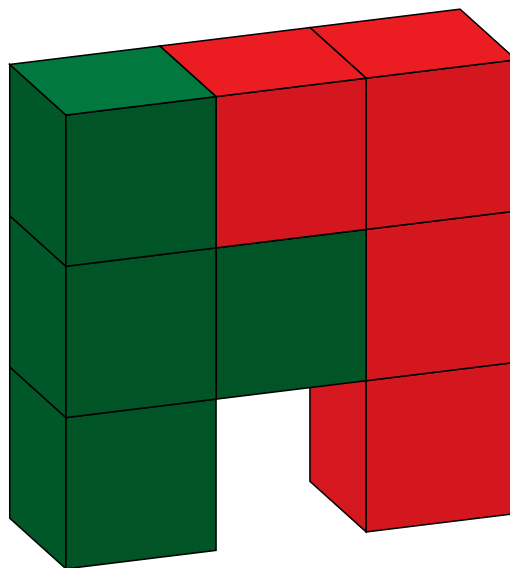




# Somafiguren

Aufgabe: Baue das Mauselloch aus zwei Somateilen.

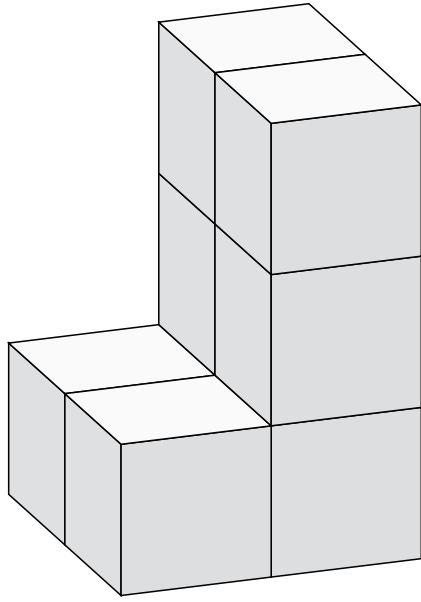






# Somafiguren

Aufgabe: Baue den Stuhl aus zwei Somateilen.

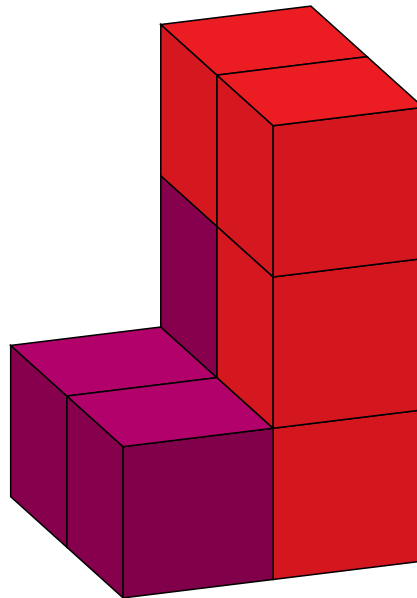


Stuhl





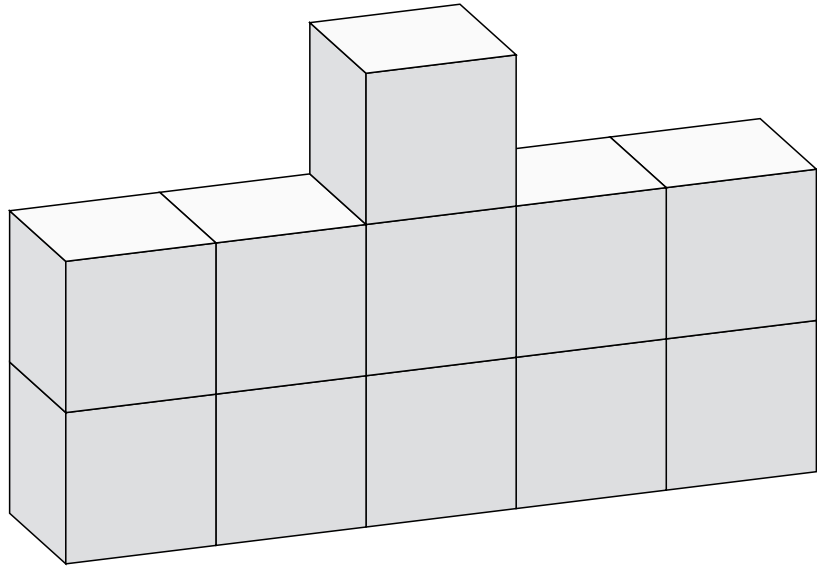
# Eine mögliche Lösung





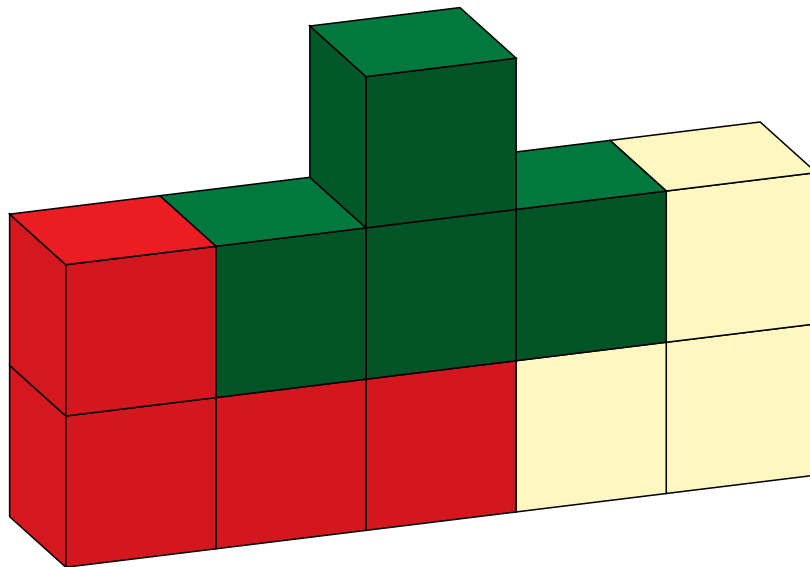
# Somafiguren

Aufgabe: Baue den Topfdeckel aus drei Somateilen.



Topfdeckel

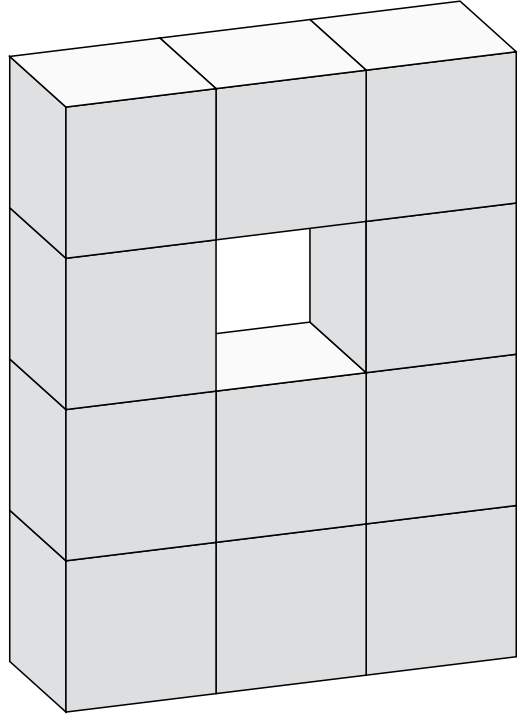


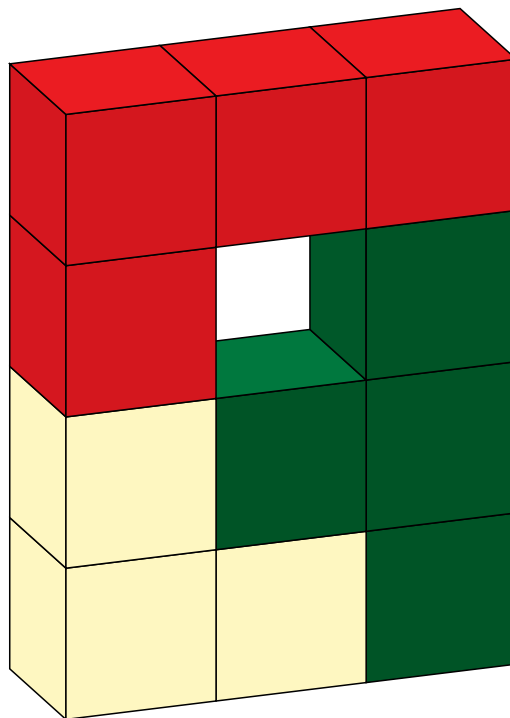




# Somafiguren

Aufgabe: Baue das Schlüsselloch aus drei Somateilen.

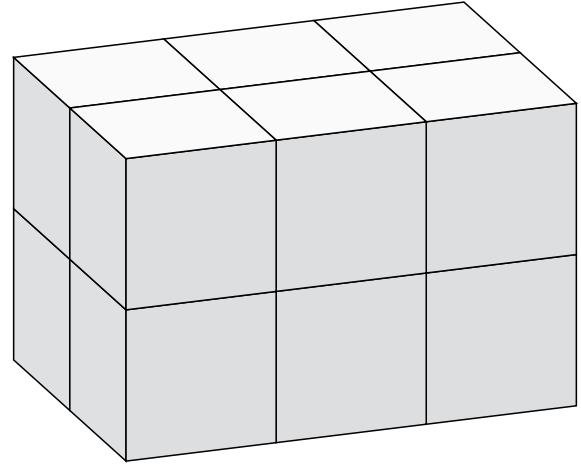




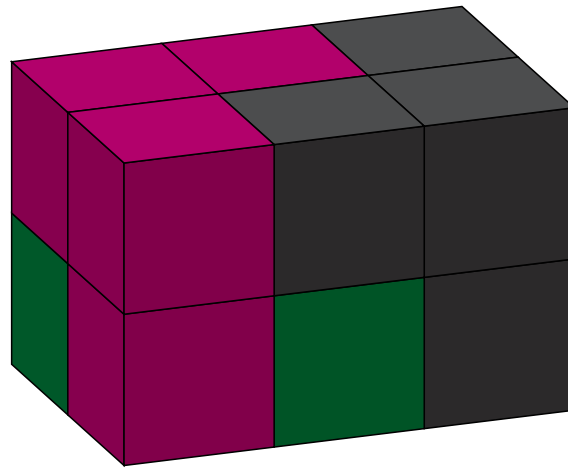


# Somafiguren

Aufgabe: Baue die Box aus drei Somateilen.



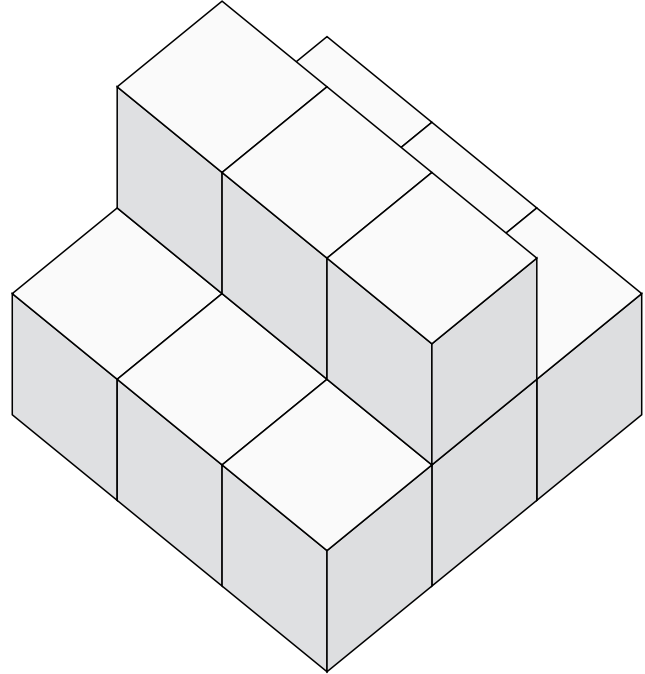
# Eine mögliche Lösung





# Somafiguren

Aufgabe: Baue die Parkbank aus drei Somateilen.

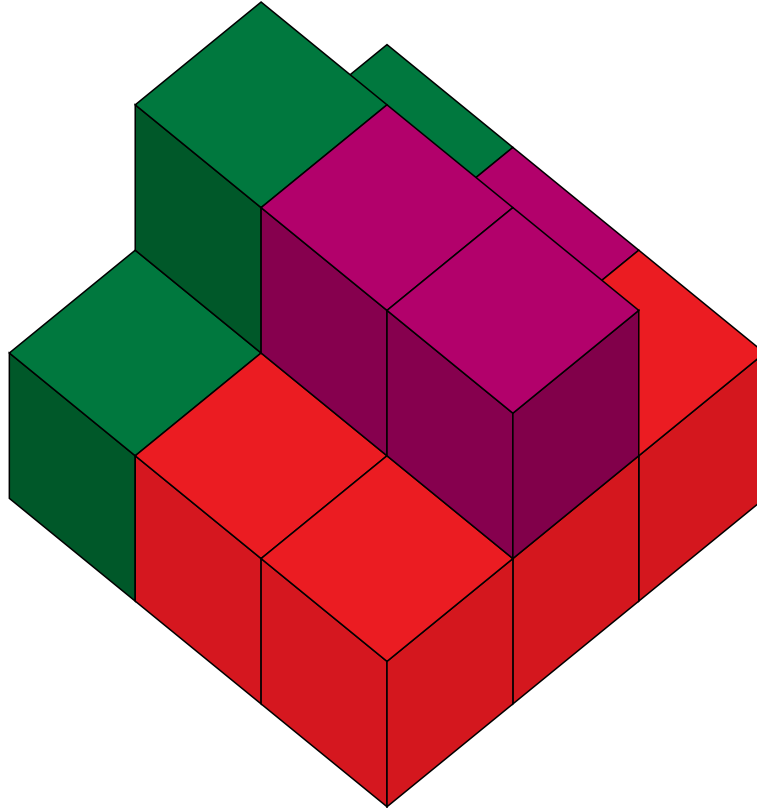


Parkbank





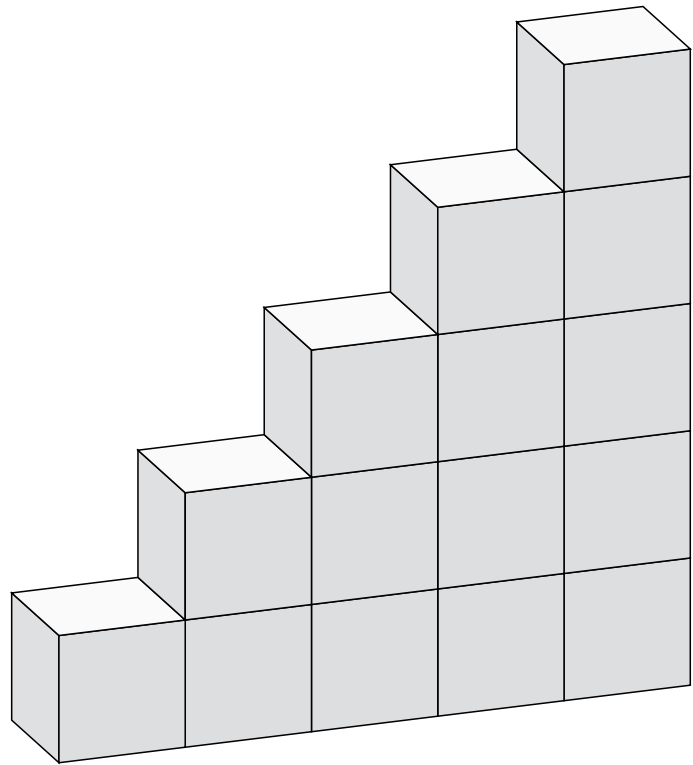
# Eine mögliche Lösung





# Somafiguren

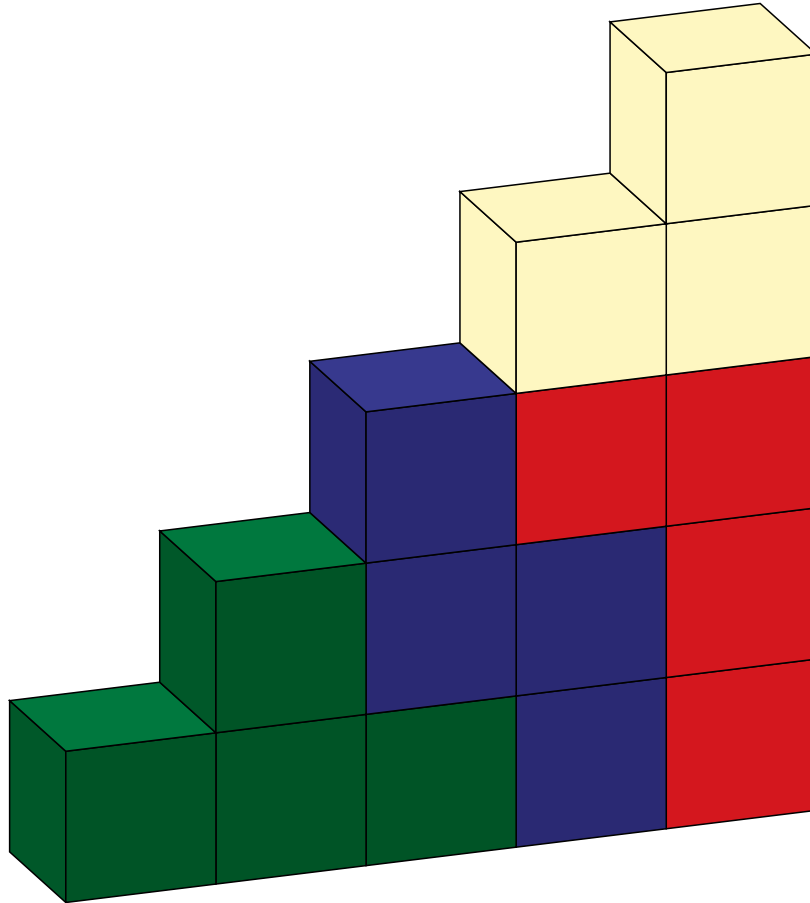
Aufgabe: Baue die Treppe aus vier Somateilen.



Stufen



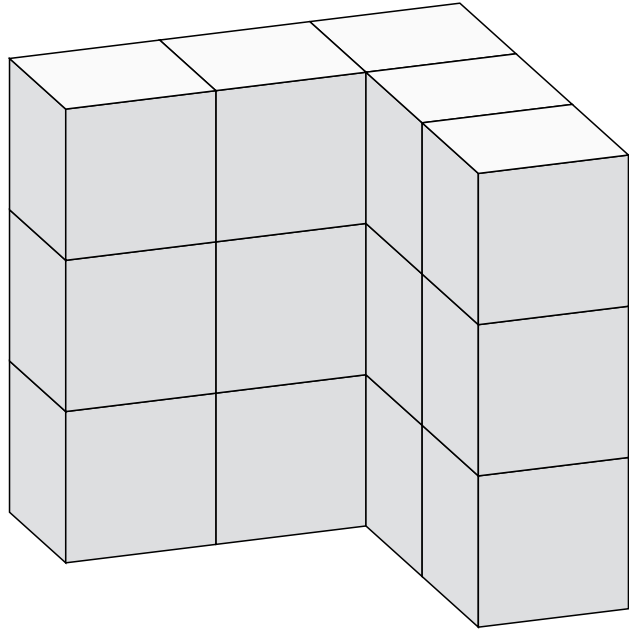
# Eine mögliche Lösung





# Somafiguren

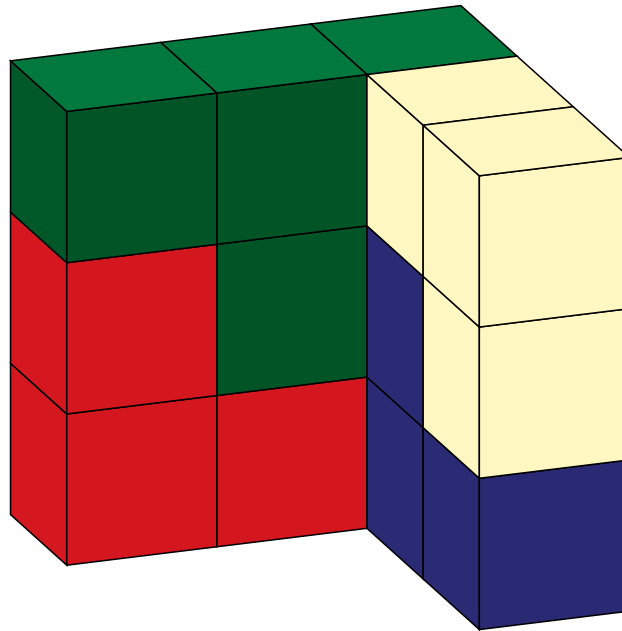
Aufgabe: Baue die Ecke aus vier Somateilen.

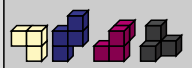


Ecke



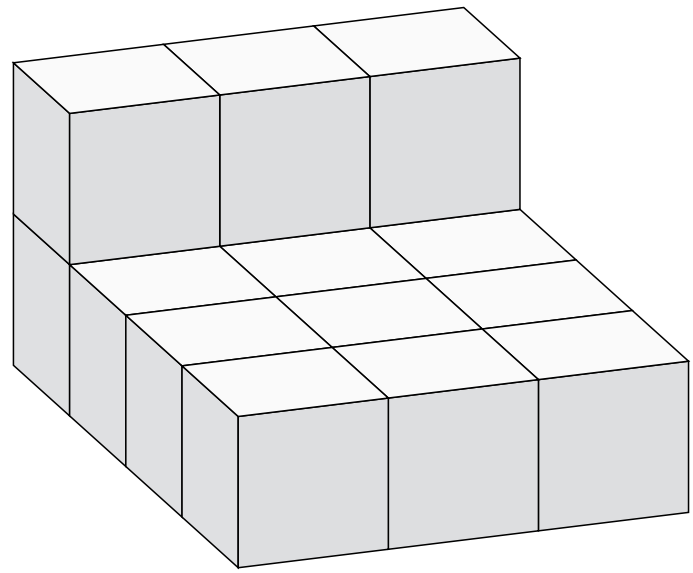
# Eine mögliche Lösung





# Somafiguren

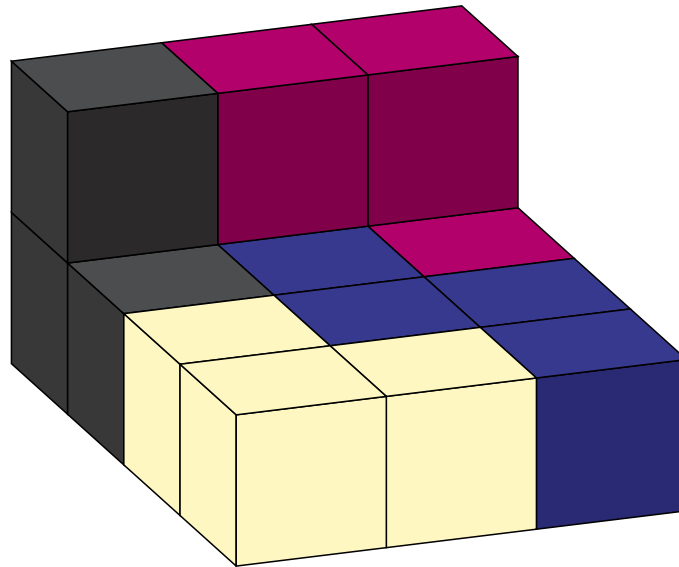
Aufgabe: Baue das Bett aus vier Somateilen.



Bett



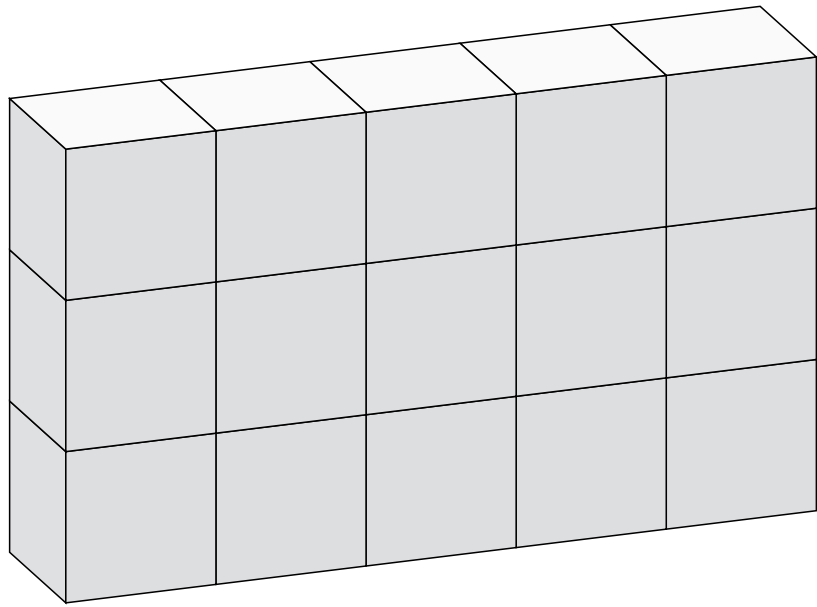
# Eine mögliche Lösung





# Somafiguren

Aufgabe: Baue die Wand aus vier Somateilen.

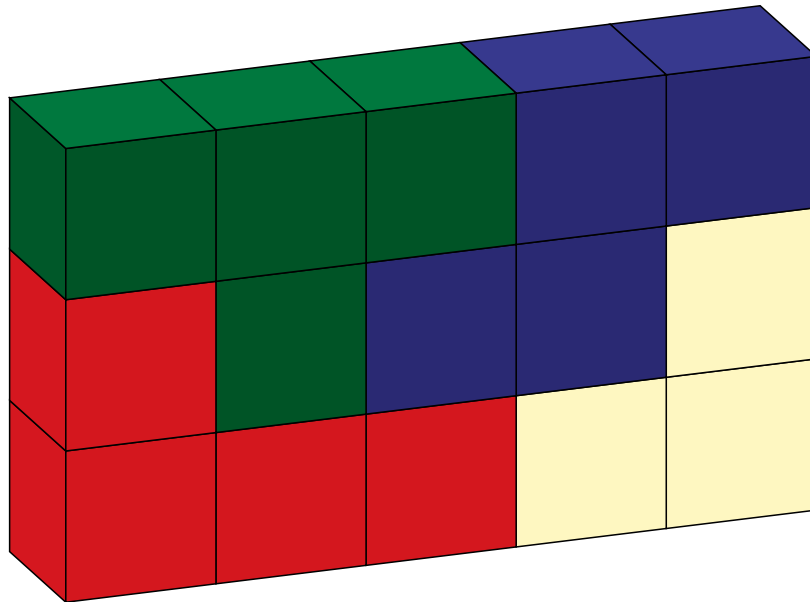


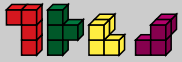
Wand





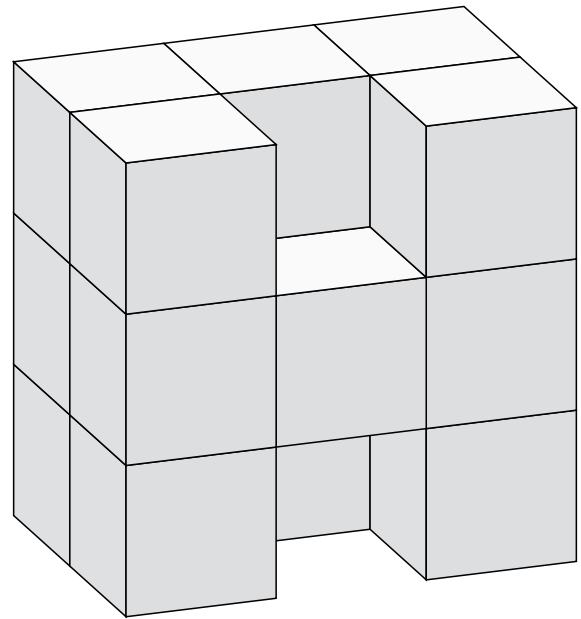
## Eine mögliche Lösung



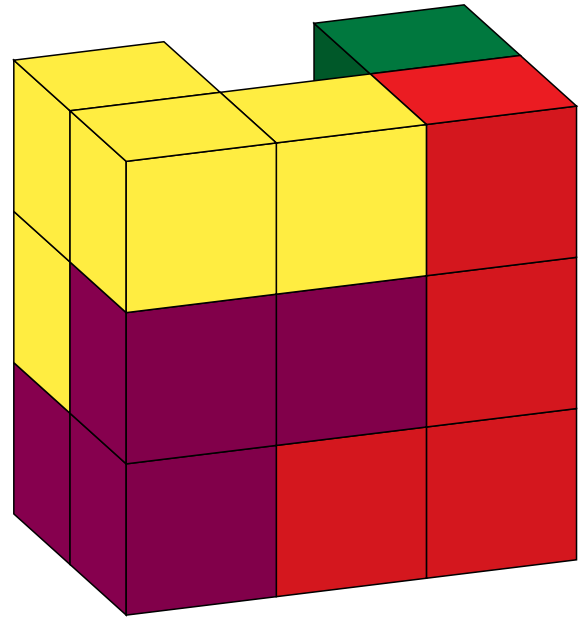
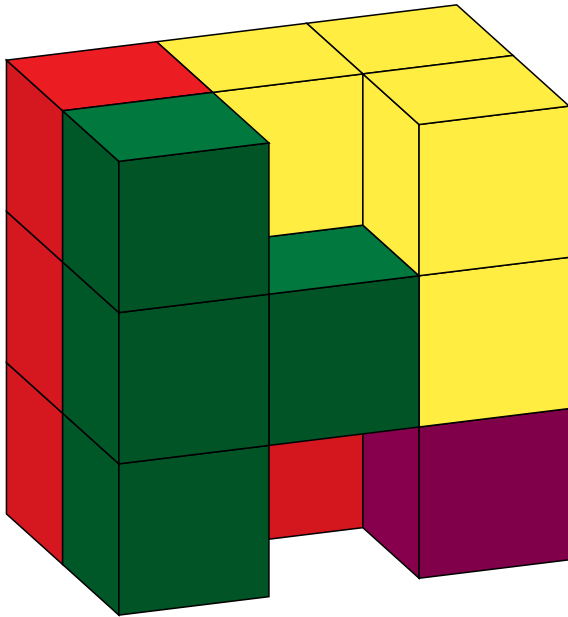


# Somafiguren

Aufgabe: Baue den Buchstaben H aus vier Somateilen.



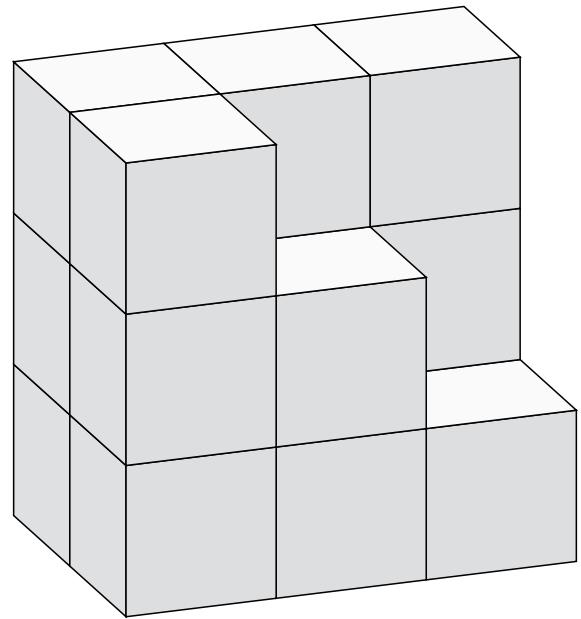
## Eine mögliche Lösung





# Somafiguren

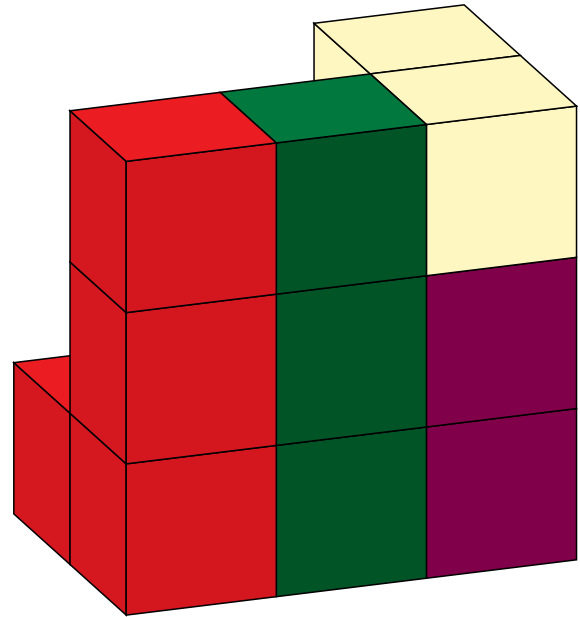
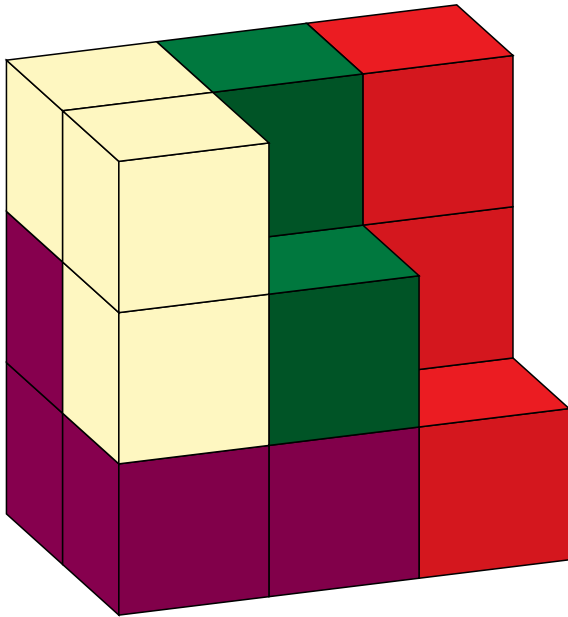
Aufgabe: Baue die Kellertreppe aus vier Somateilen.



Kellertreppe



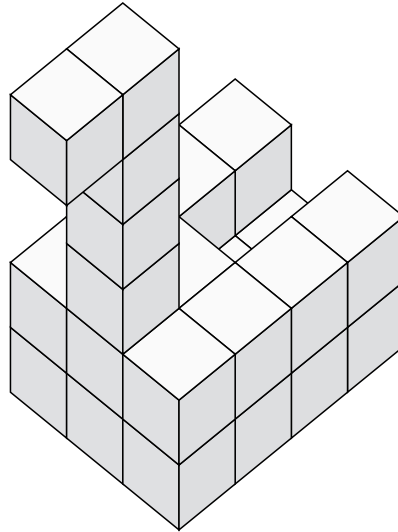
## Eine mögliche Lösung



# Somafiguren

15

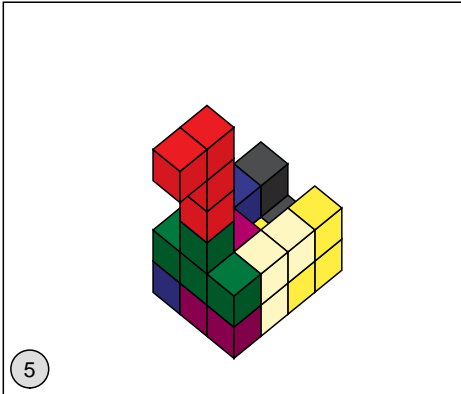
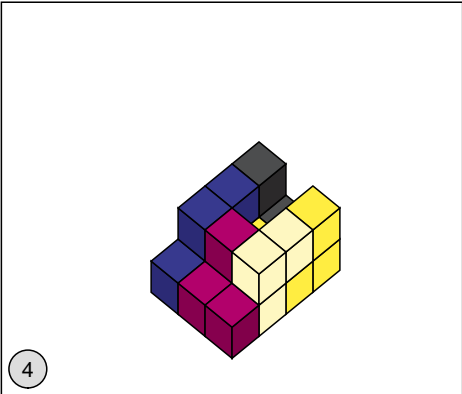
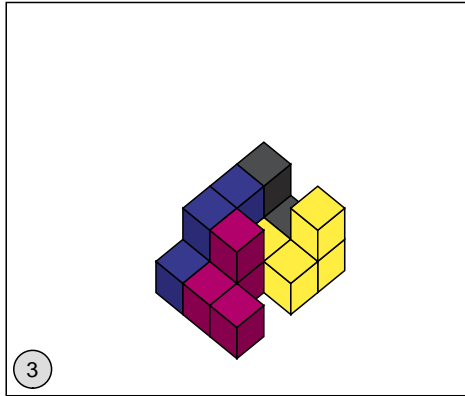
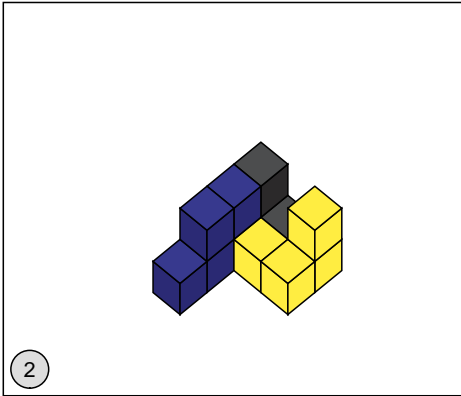
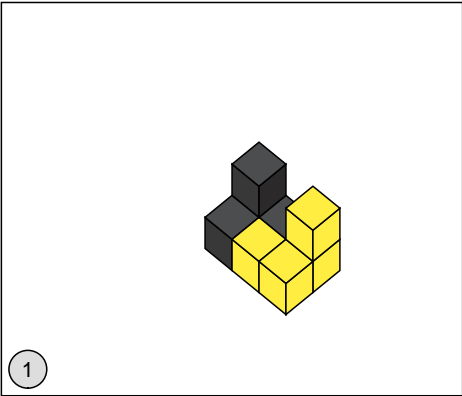
Aufgabe: Baue den Schwan aus allen sieben Somateilen.



Schwan



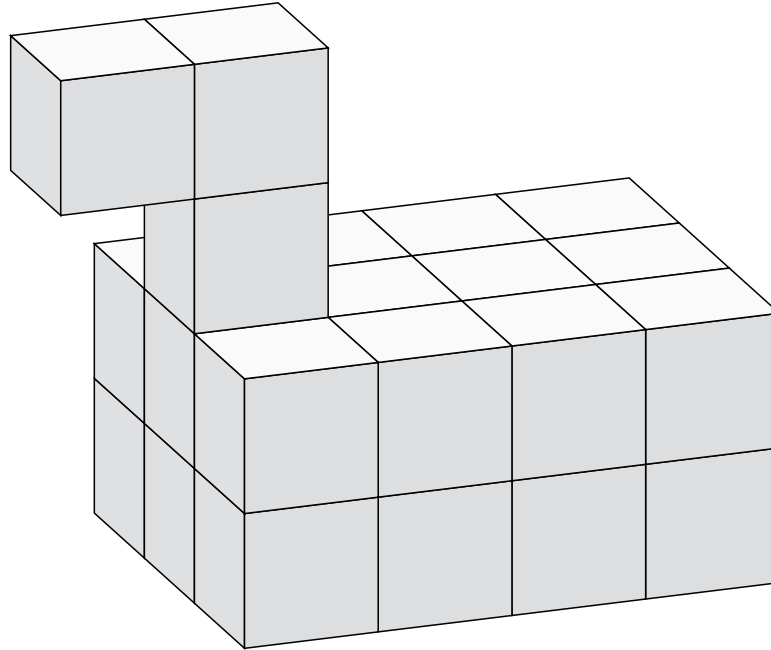
# Eine mögliche Lösung



# Somafiguren

16

Aufgabe: Baue die Ente aus allen sieben Somateilen.

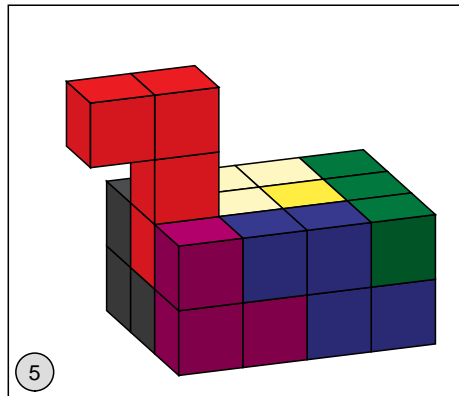
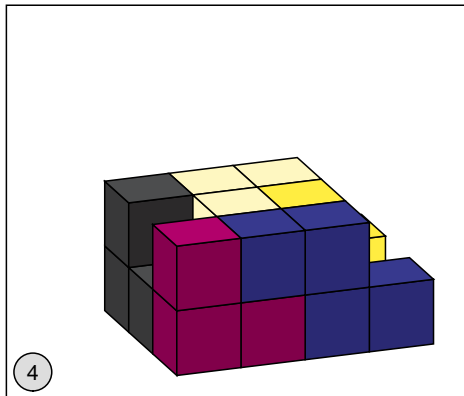
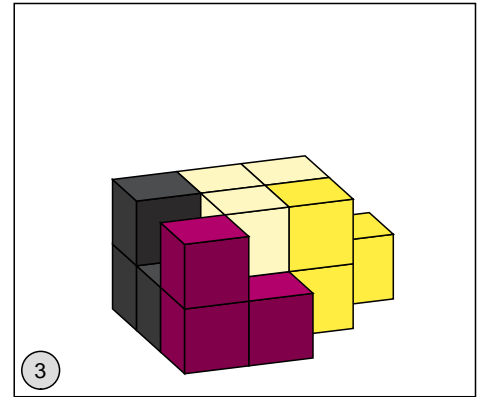
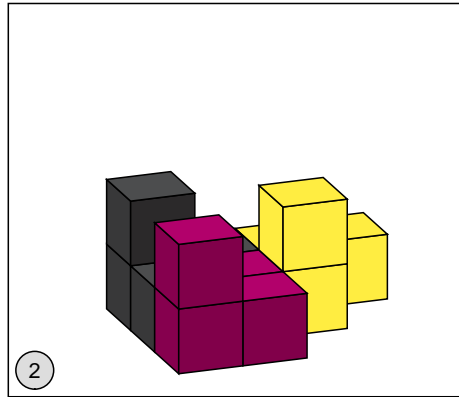
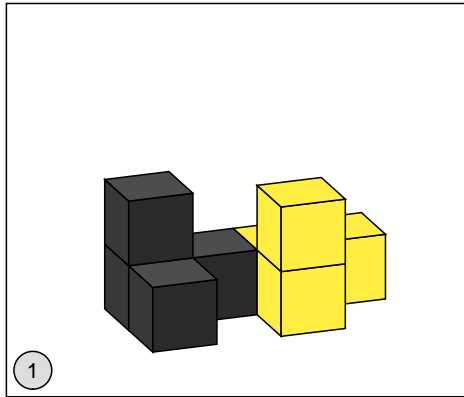


Ente





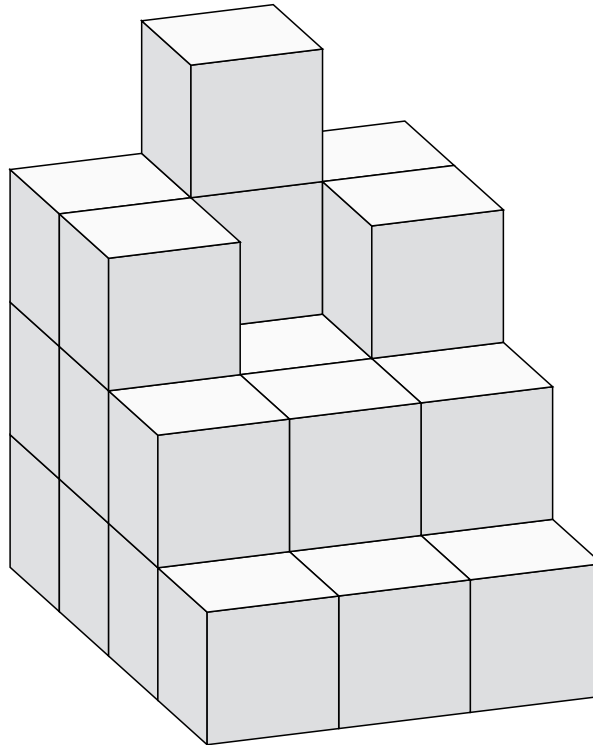
## Eine mögliche Lösung



# Somafiguren

17

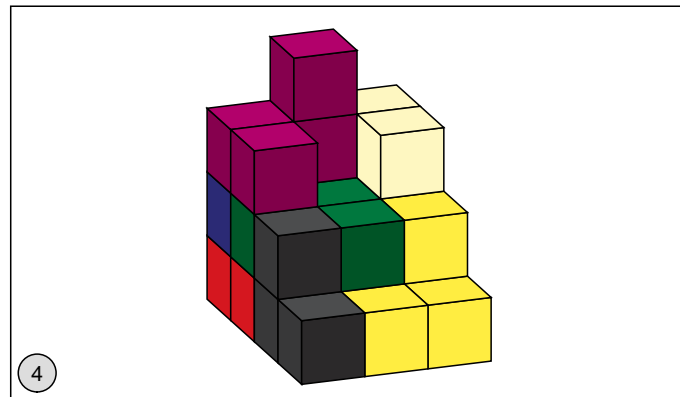
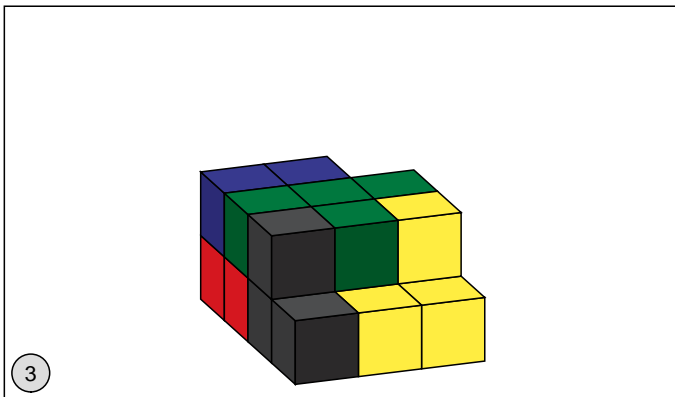
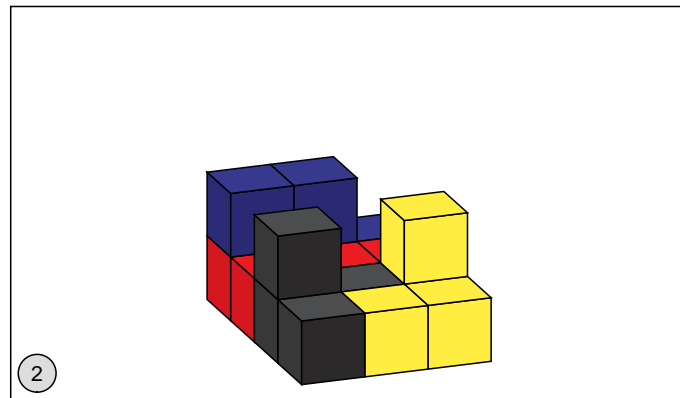
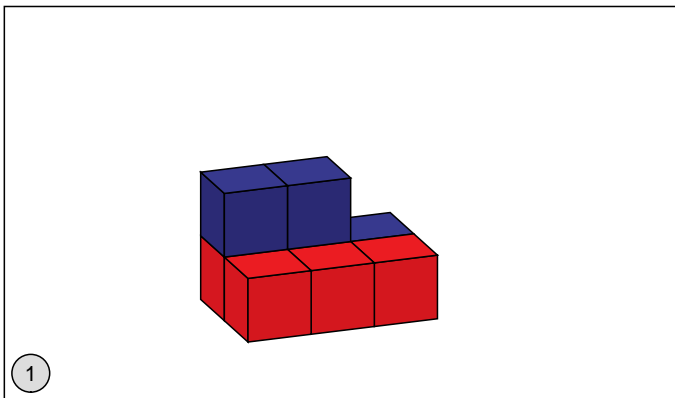
Aufgabe: Baue den Thron aus allen sieben Somateilen.



Thron



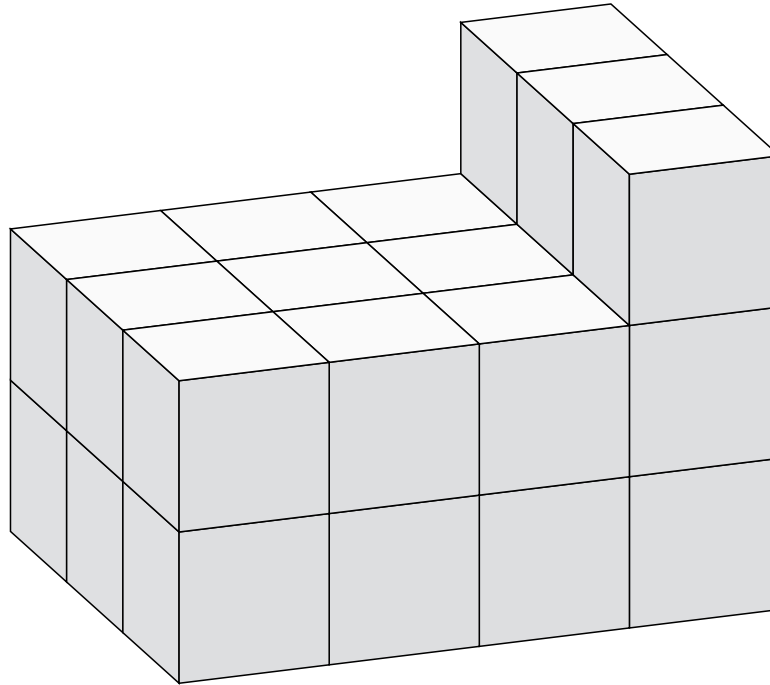
## Eine mögliche Lösung



# Somafiguren

18

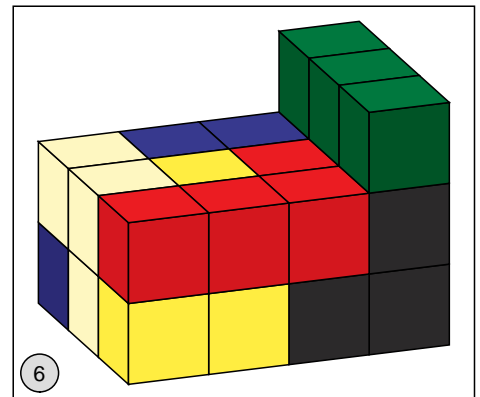
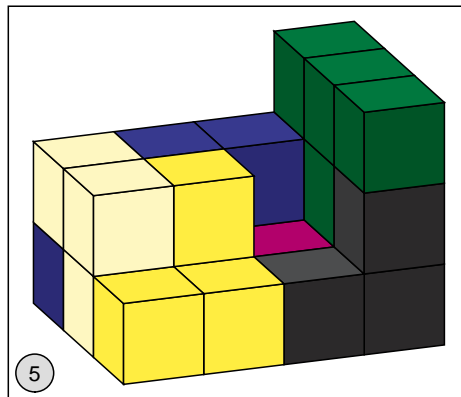
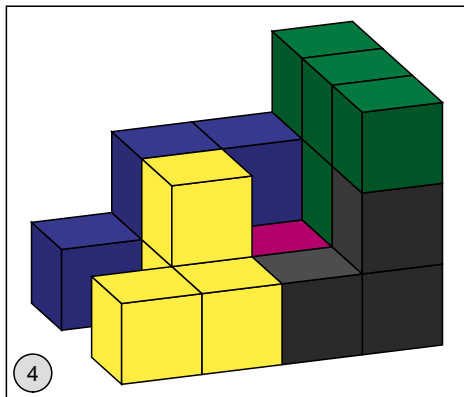
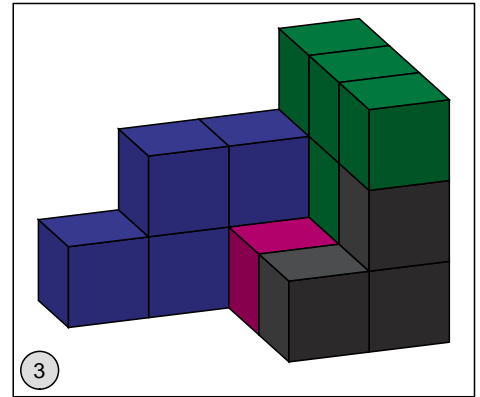
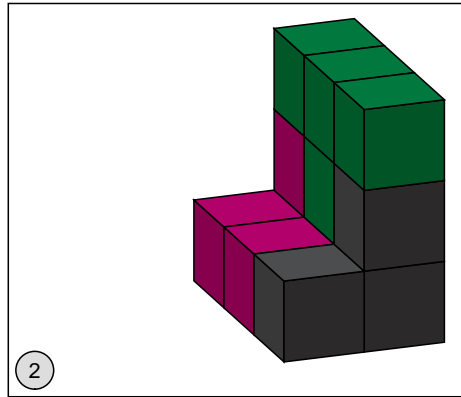
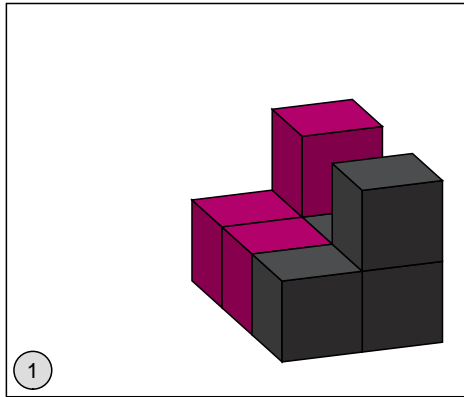
Aufgabe: Baue das kleine Bett aus allen sieben Somateilen.



Kleines Bett



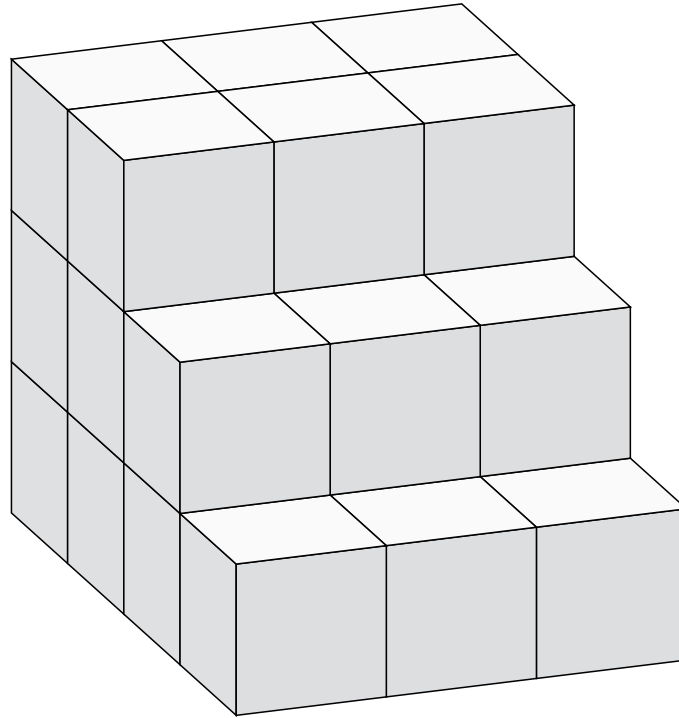
## Eine mögliche Lösung



# Somafiguren

19

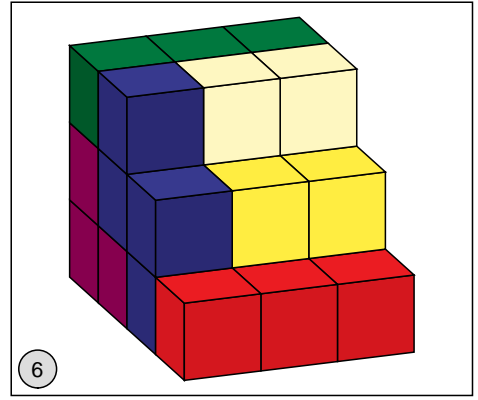
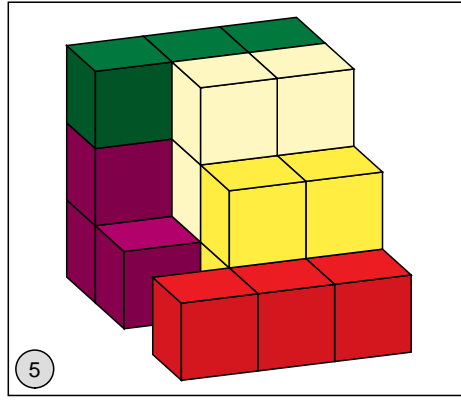
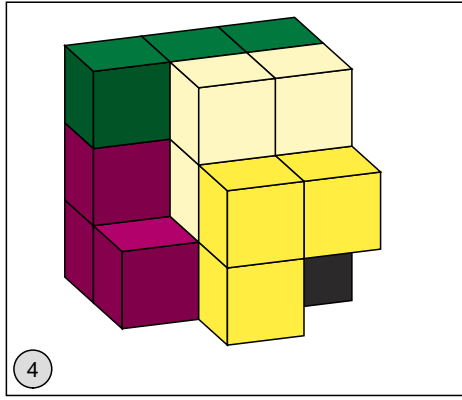
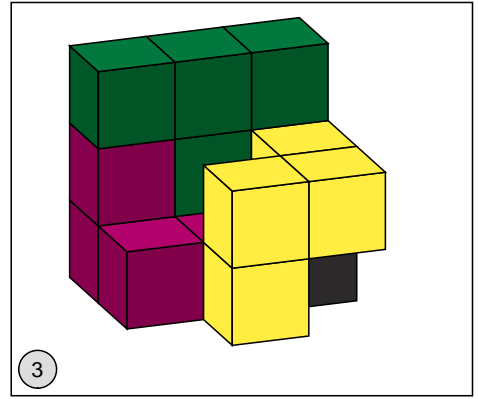
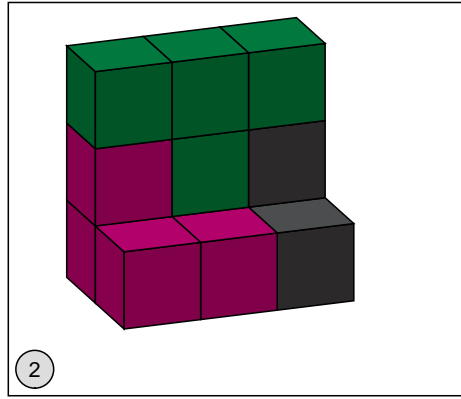
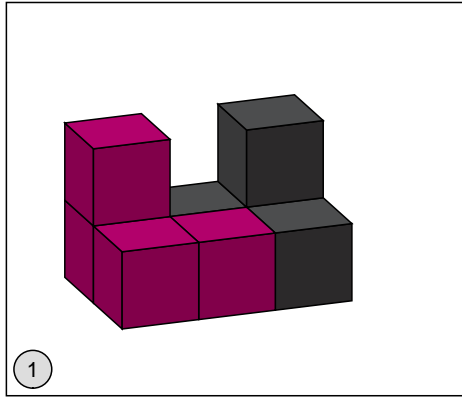
Aufgabe: Baue die Treppe aus allen sieben Somateilen.



Treppe



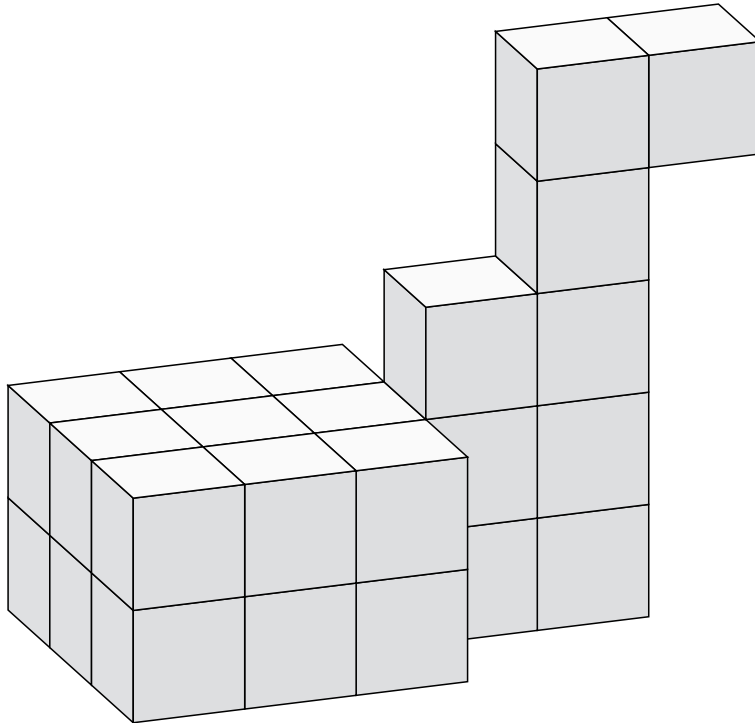
# Eine mögliche Lösung



# Somafiguren

20

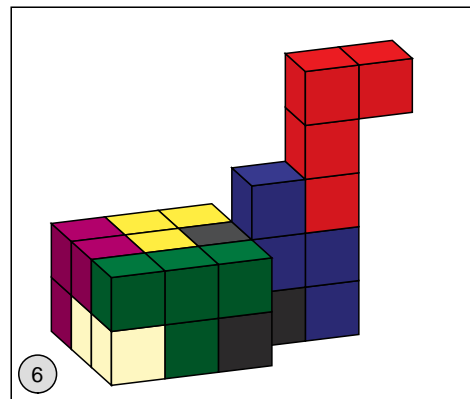
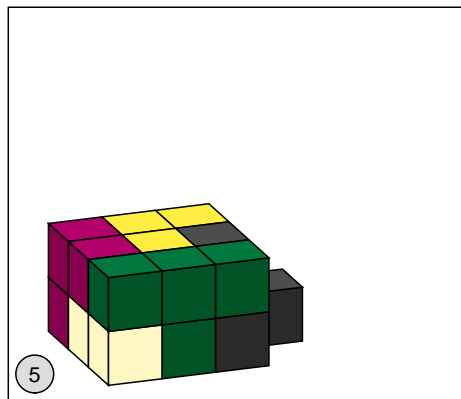
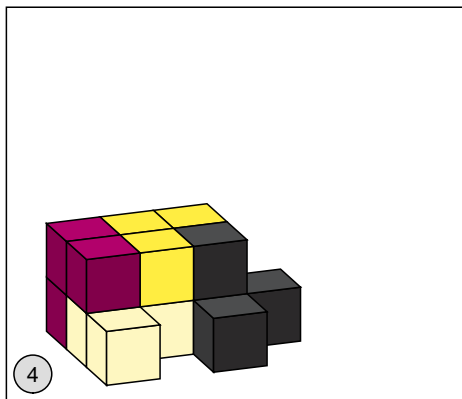
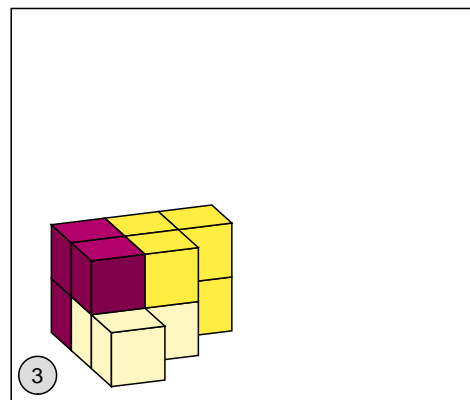
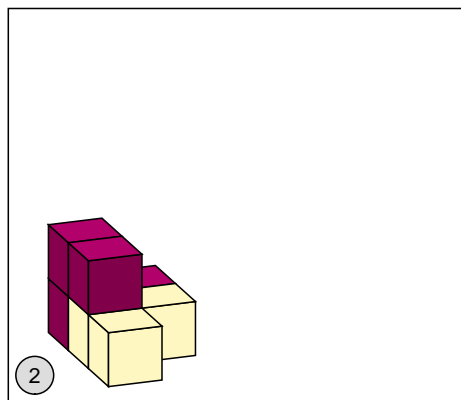
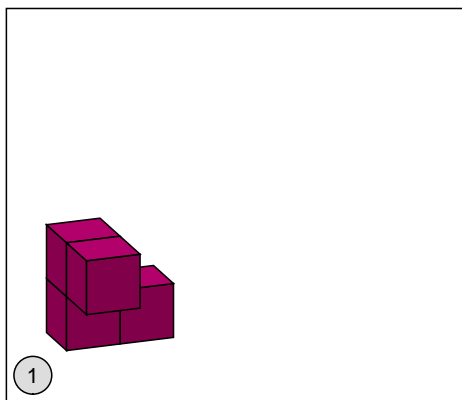
Aufgabe: Baue die Schnecke aus allen sieben Somateilen.



Schnecke



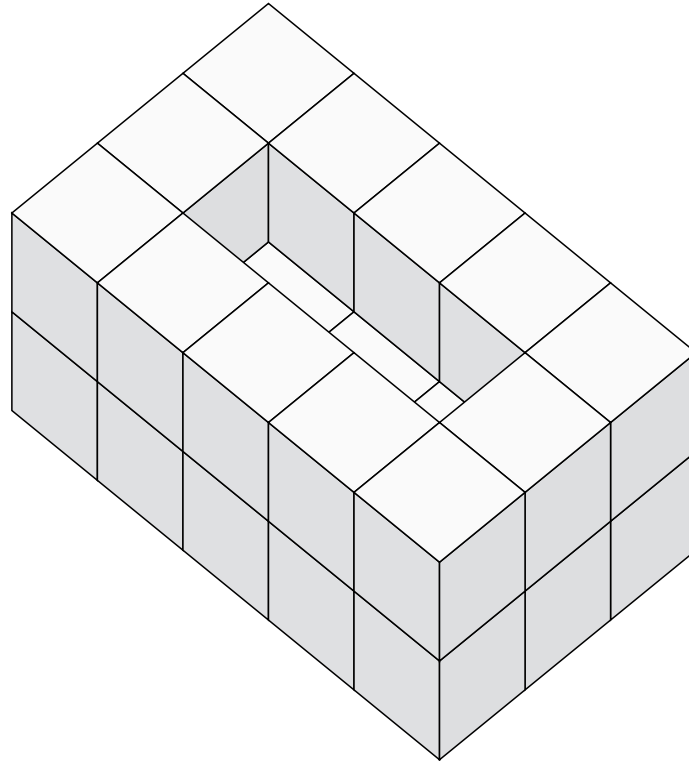




# Somafiguren

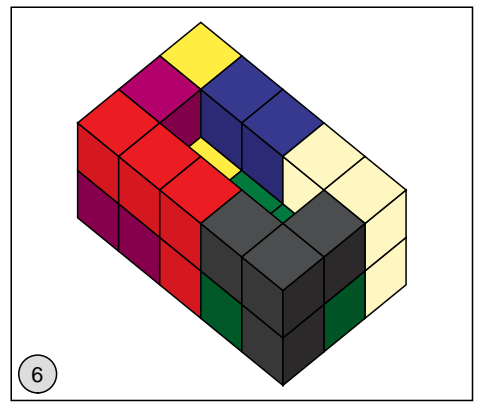
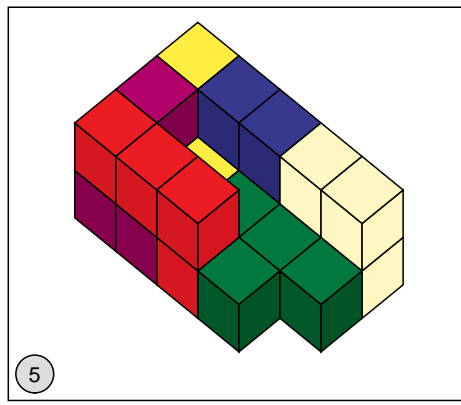
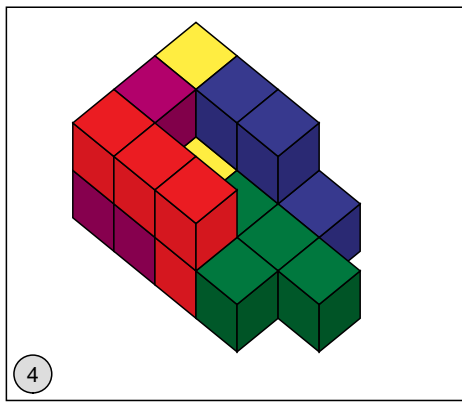
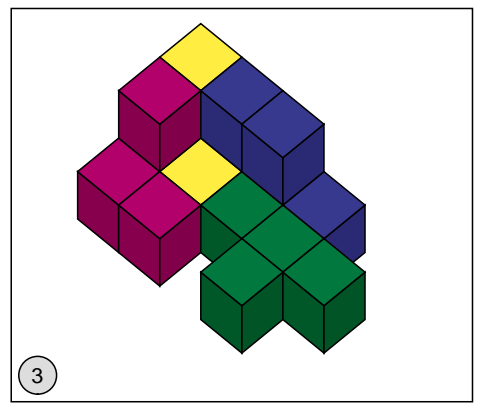
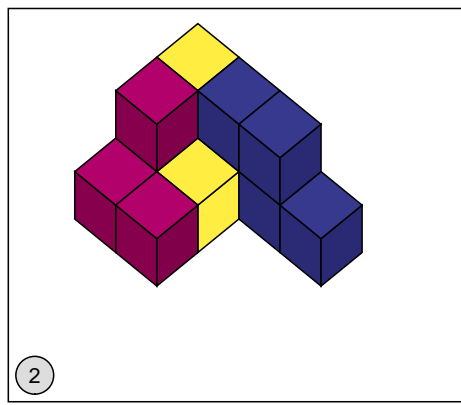
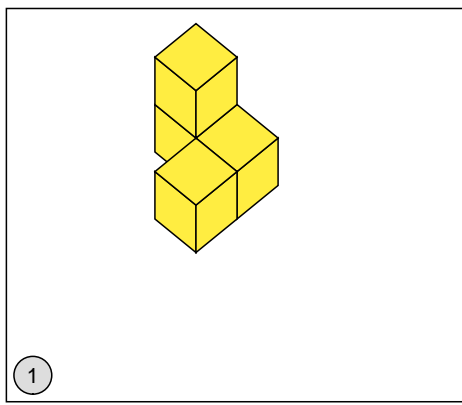
21

Aufgabe: Baue die Wanne aus allen sieben Somateilen.



Wanne

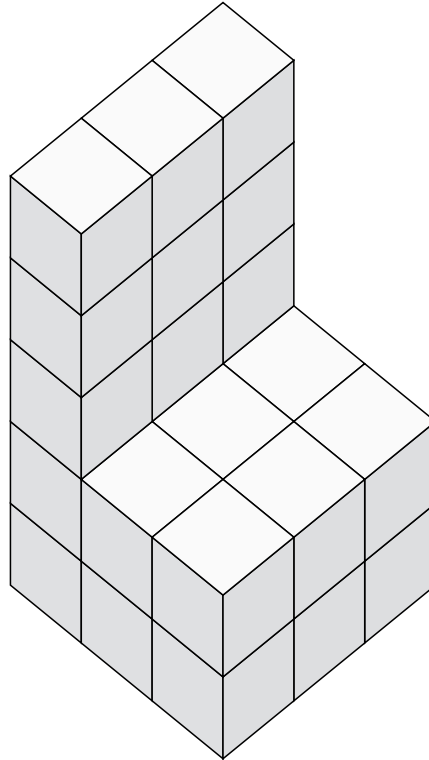




# Somafiguren

22

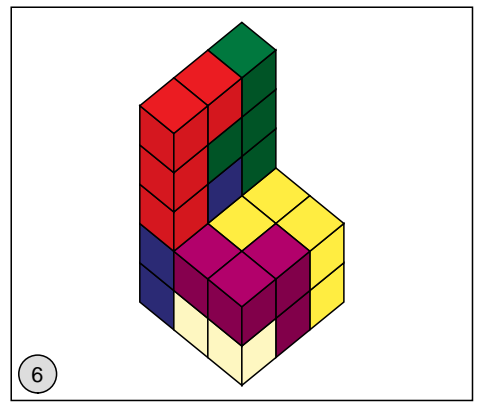
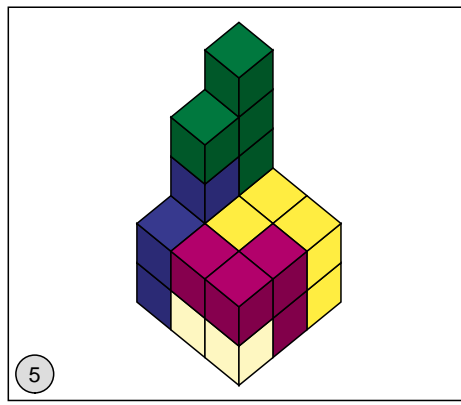
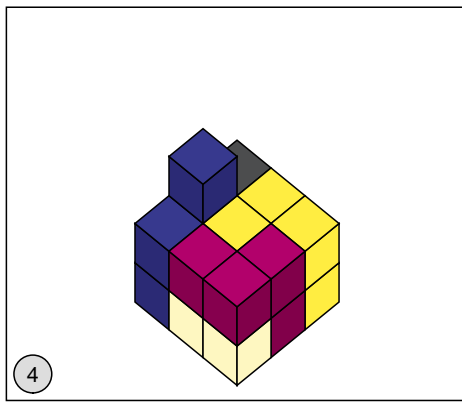
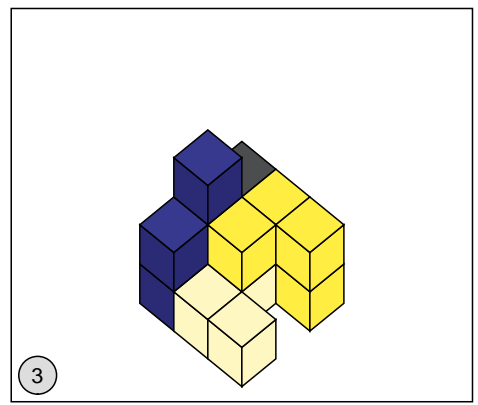
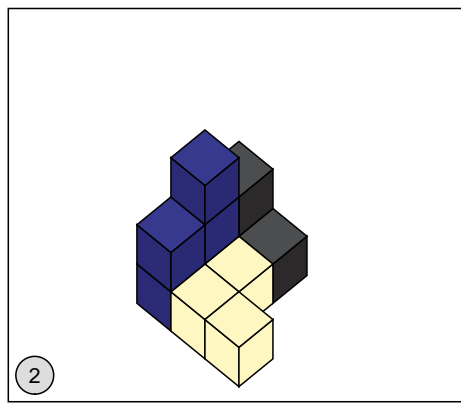
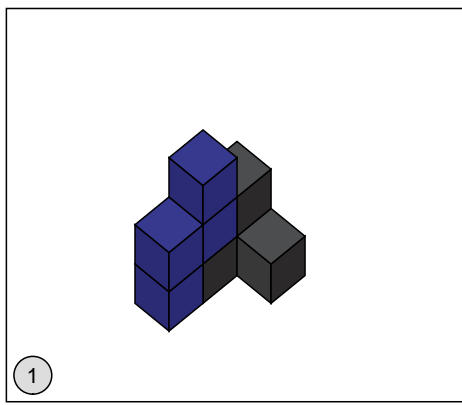
Aufgabe: Baue den Stuhl aus allen sieben Somateilen.



Stuhl



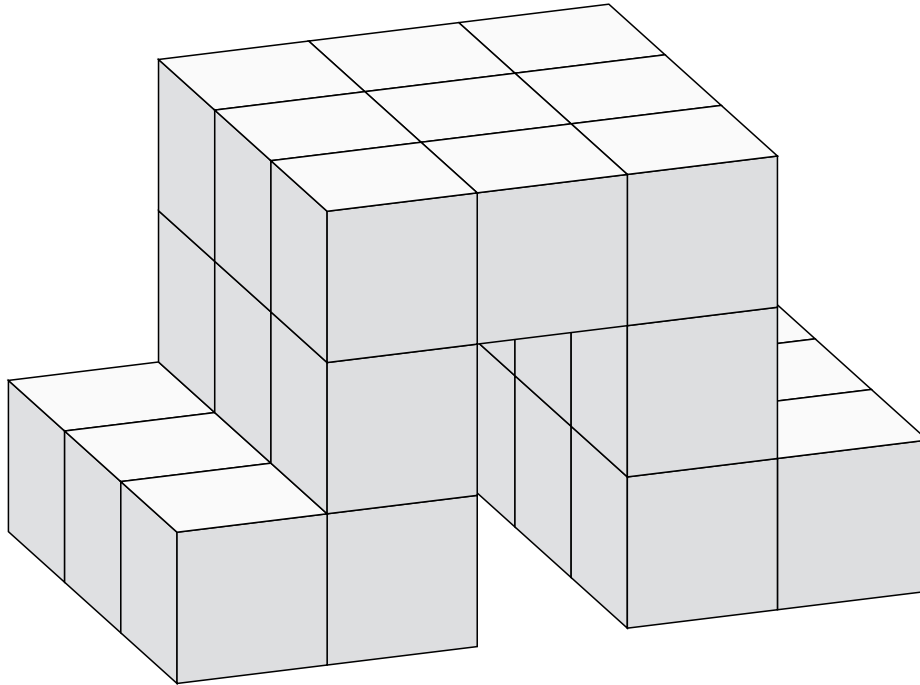
# Eine mögliche Lösung



# Somafiguren

23

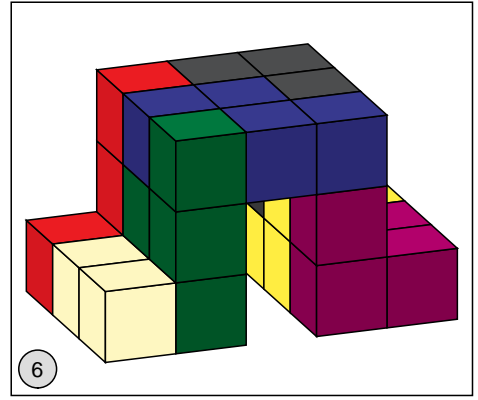
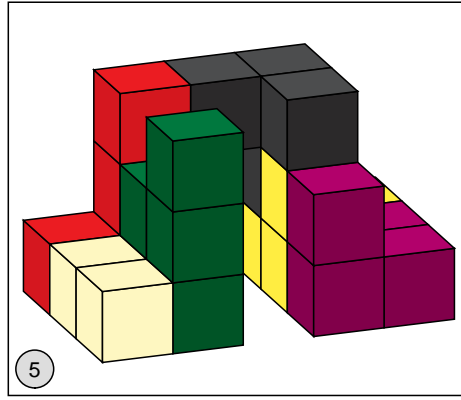
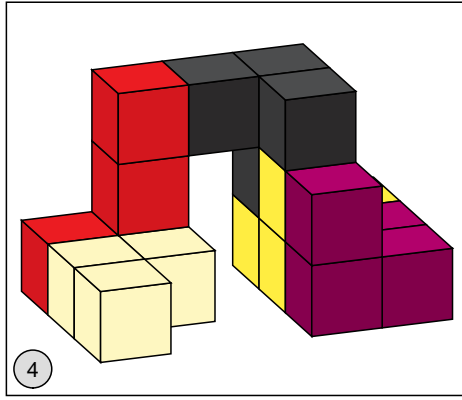
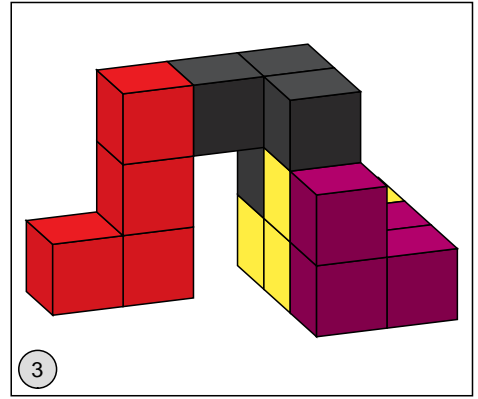
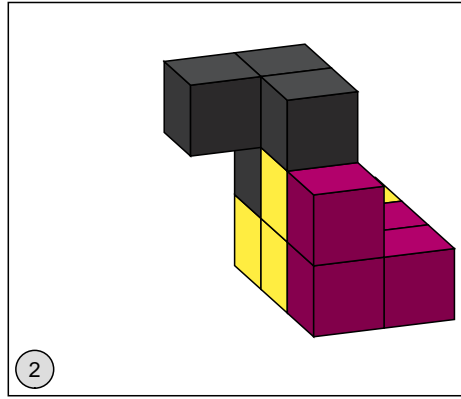
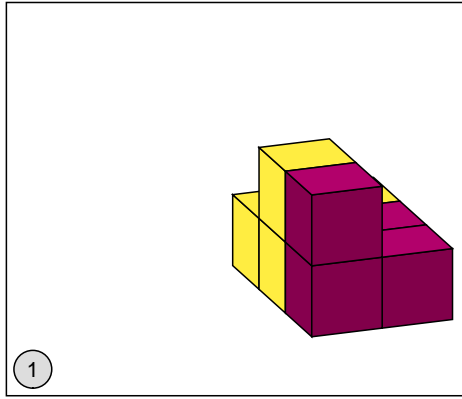
Aufgabe: Baue den Tunnel aus allen sieben Somateilen.



Tunnel



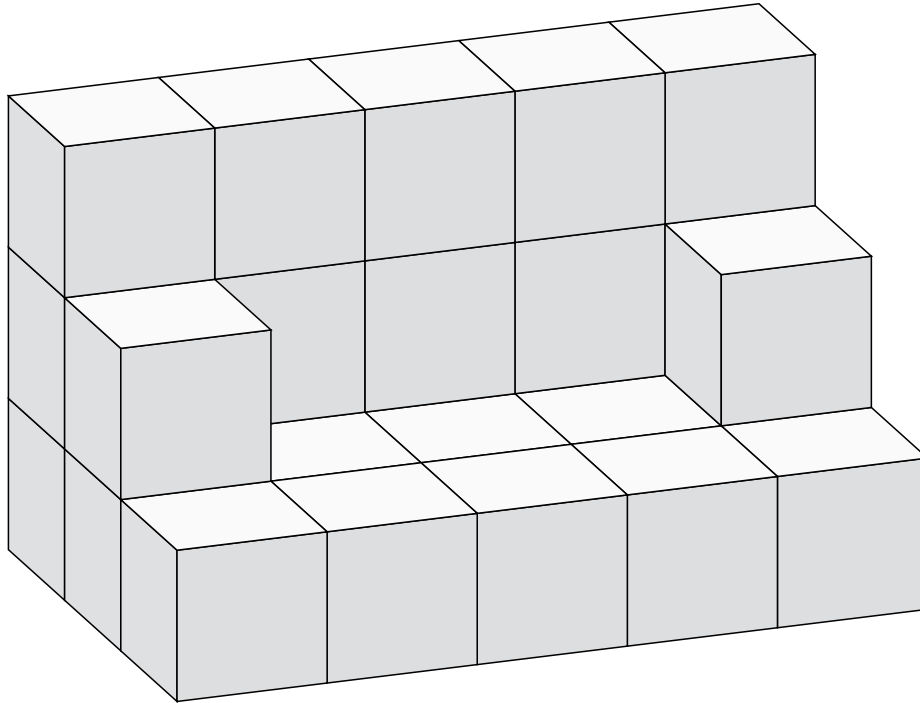
# Eine mögliche Lösung



# Somafiguren

24

Aufgabe: Baue das Sofa aus allen sieben Somateilen.

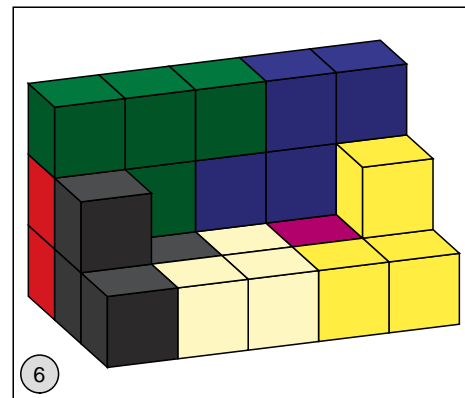
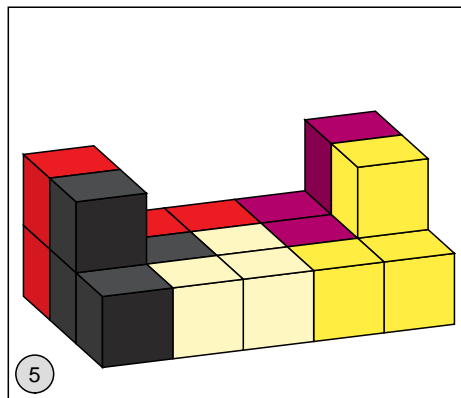
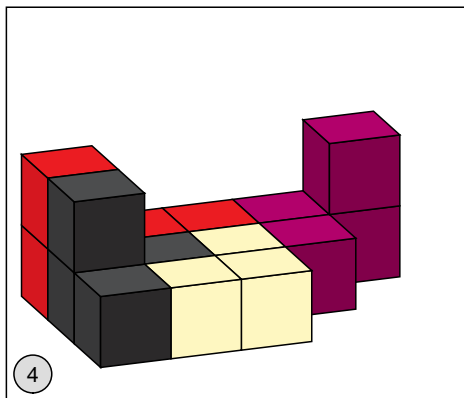
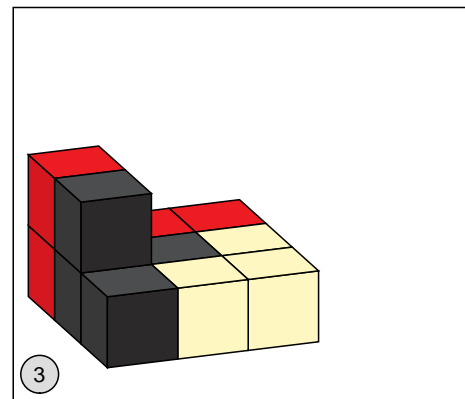
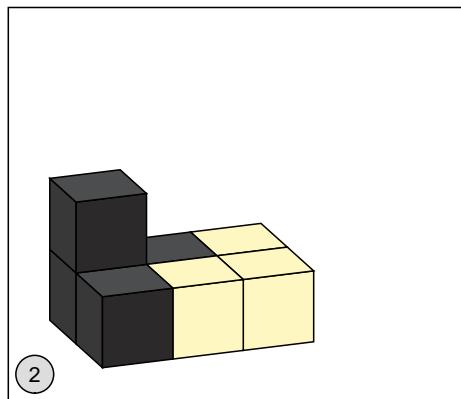
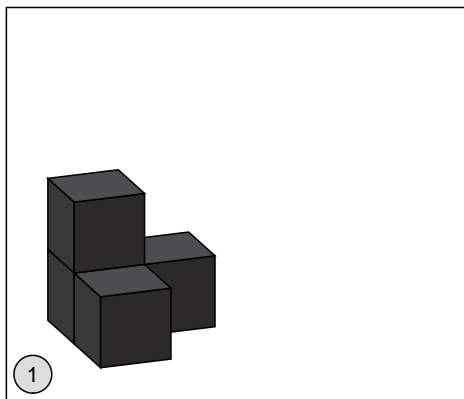


Sofa





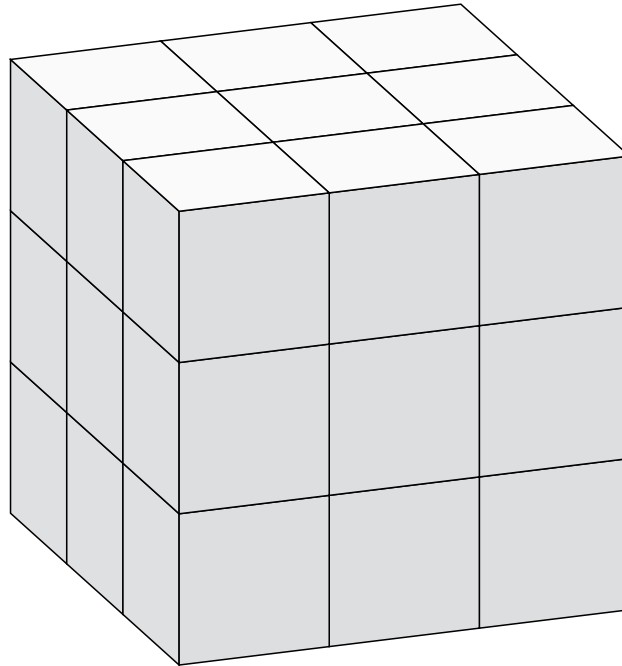
## Eine mögliche Lösung



# Somafiguren

25

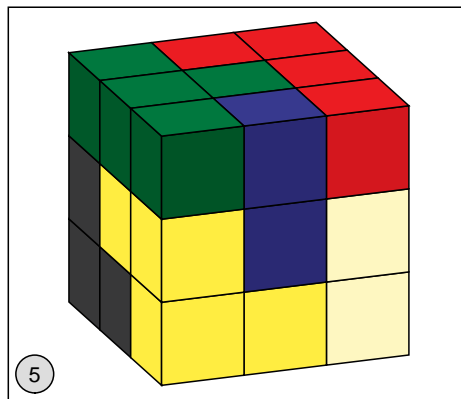
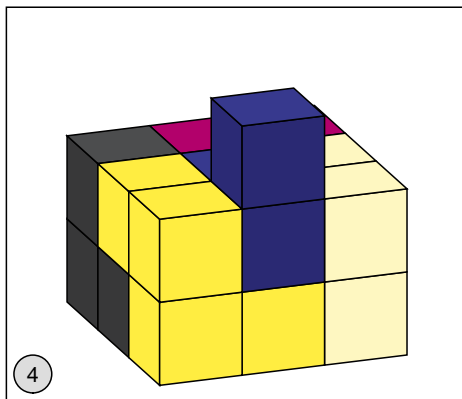
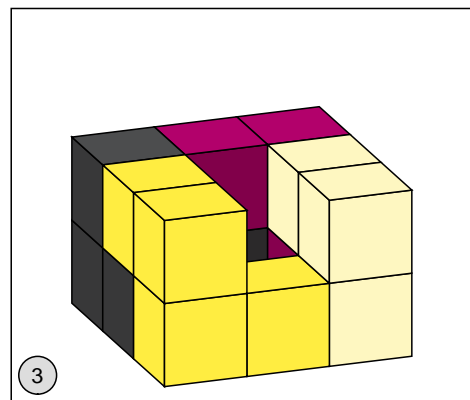
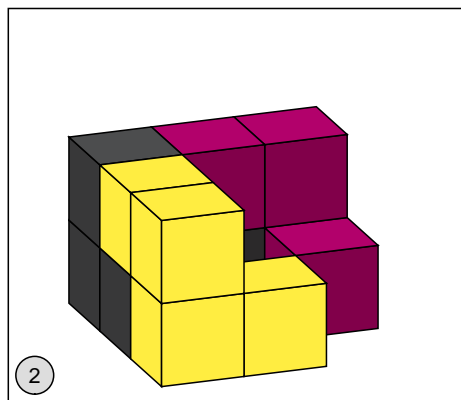
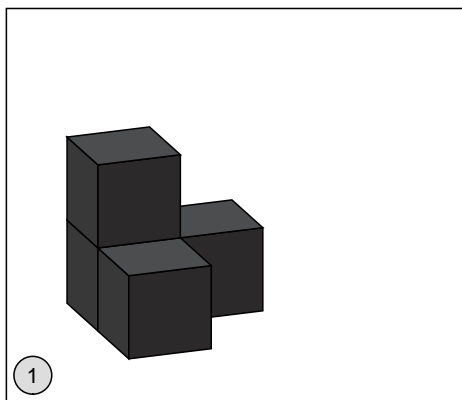
Aufgabe: Baue den Würfel aus allen sieben Somateilen.



Würfel



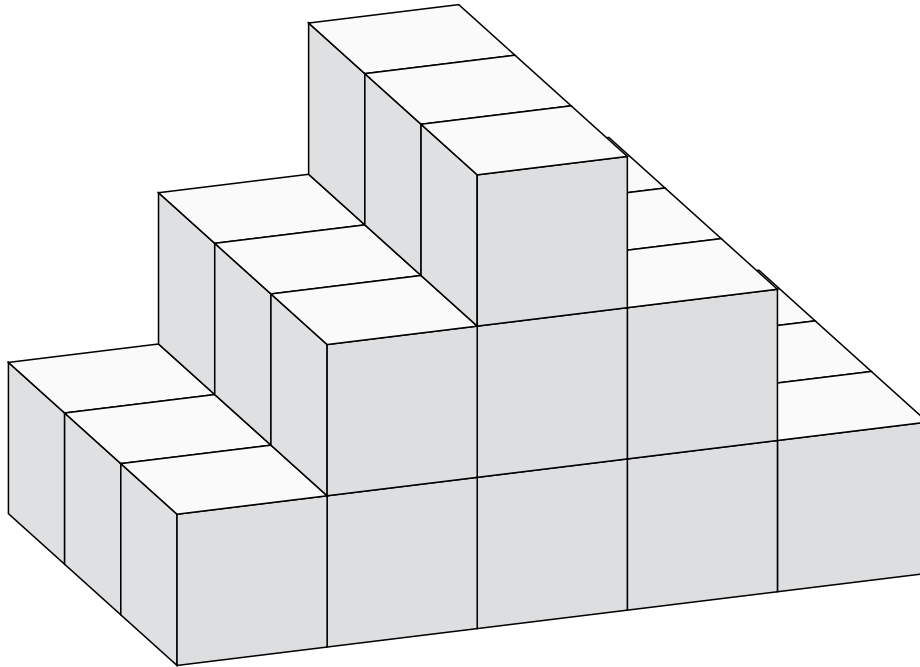
# Eine mögliche Lösung



# Somafiguren

26

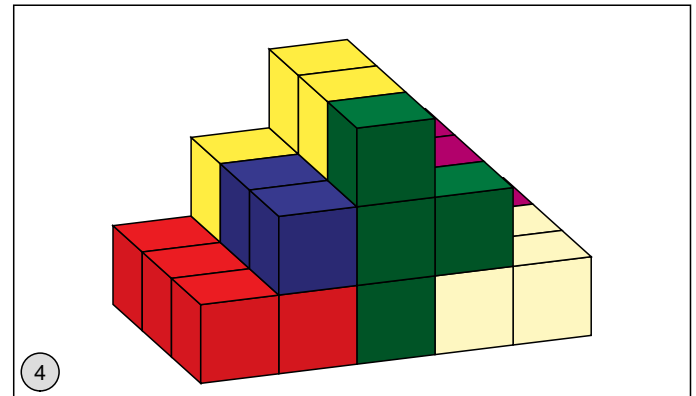
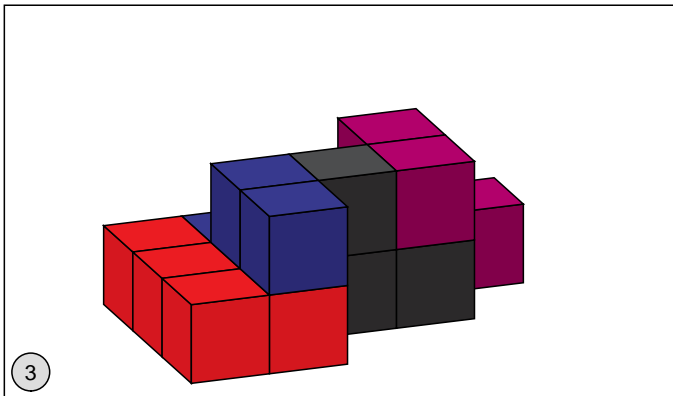
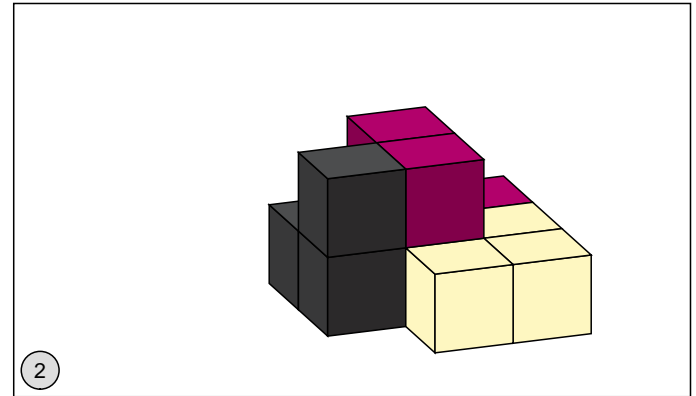
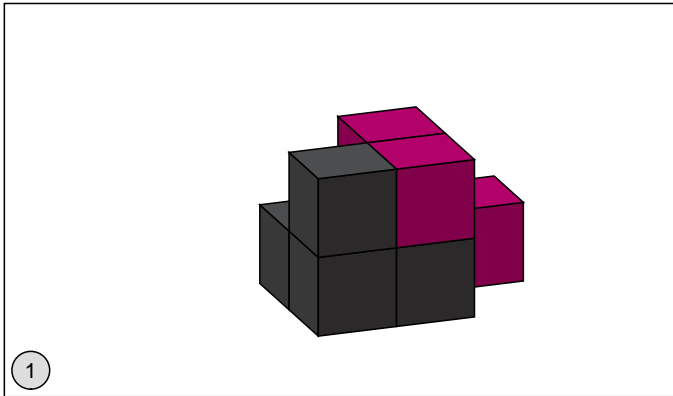
Aufgabe: Baue die Siegertreppe aus allen sieben Somateilen.



Siegertreppe



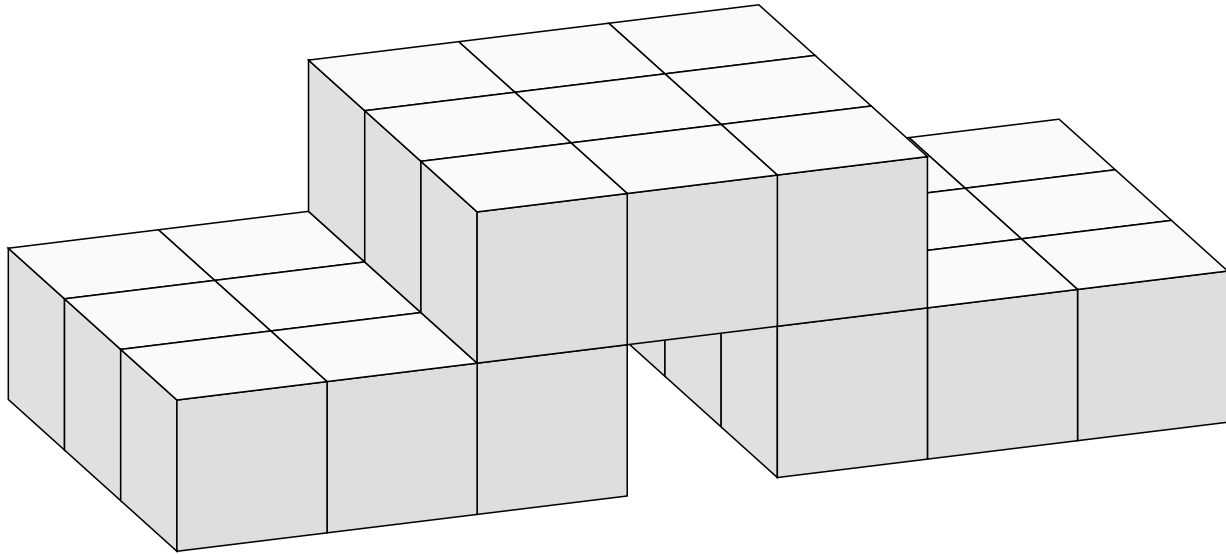
## Eine mögliche Lösung



# Somafiguren

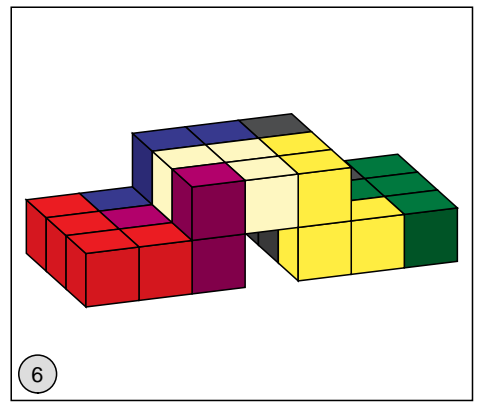
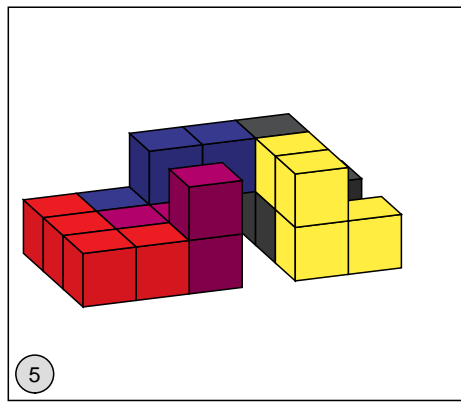
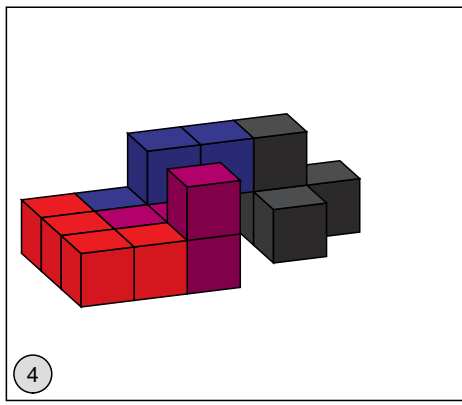
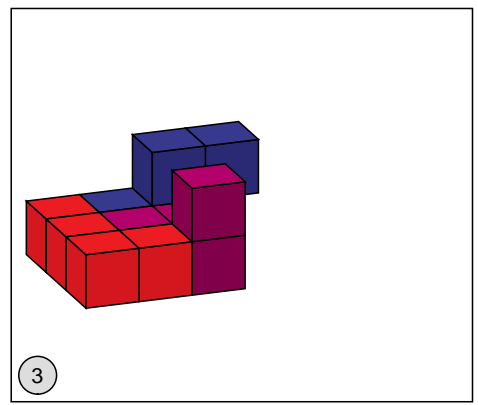
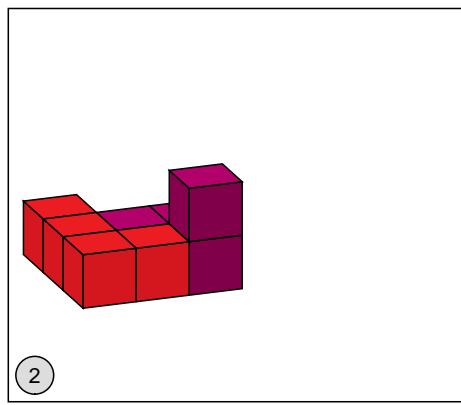
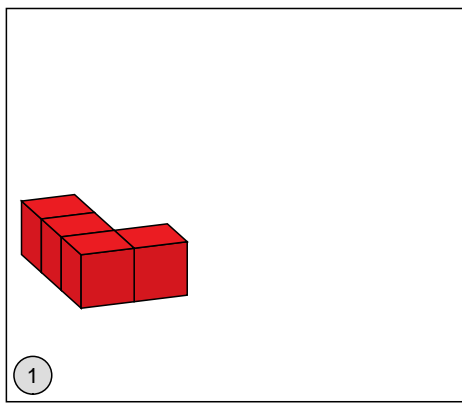
27

Aufgabe: Baue die Brücke aus allen sieben Somateilen.



Brücke

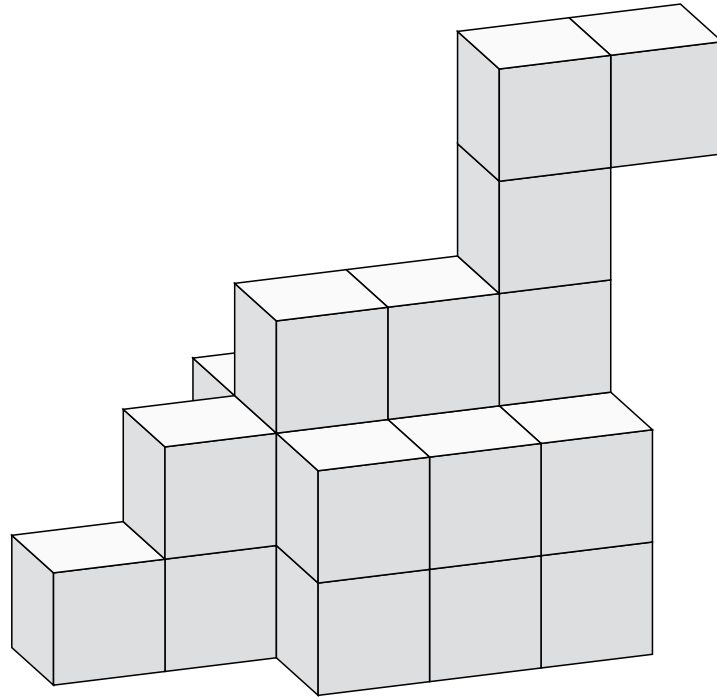




# Somafiguren

28

Aufgabe: Baue den Regenwurm aus allen sieben Somateilen.

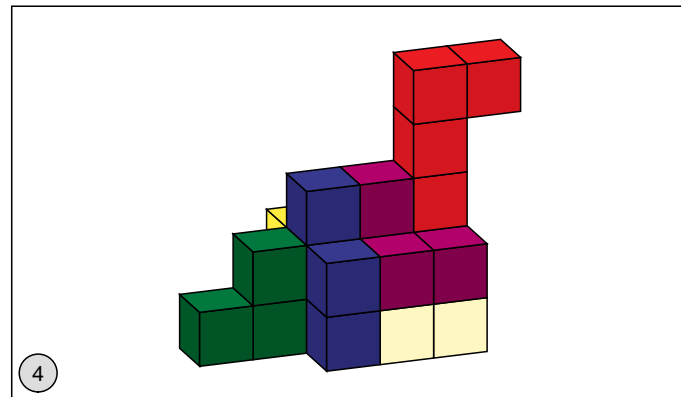
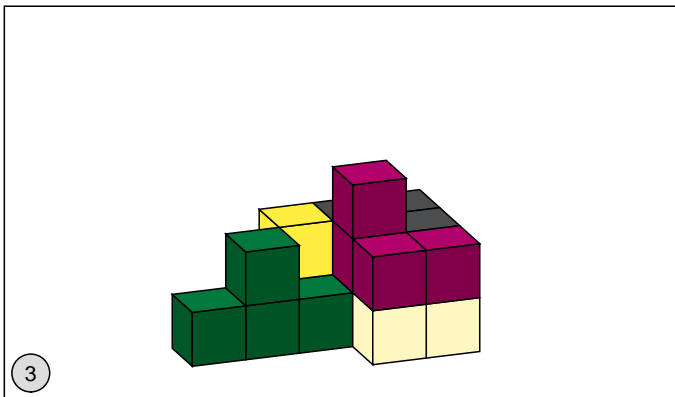
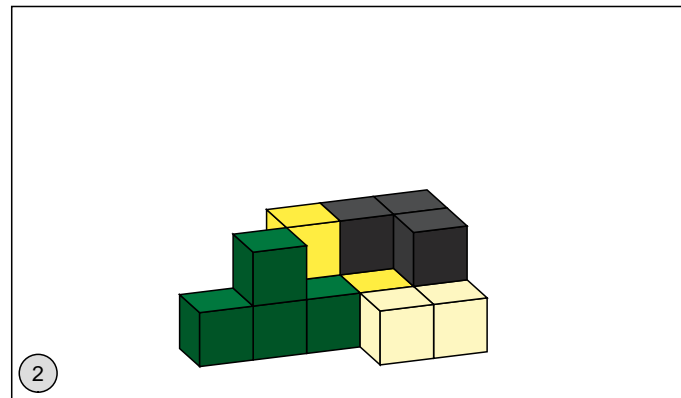
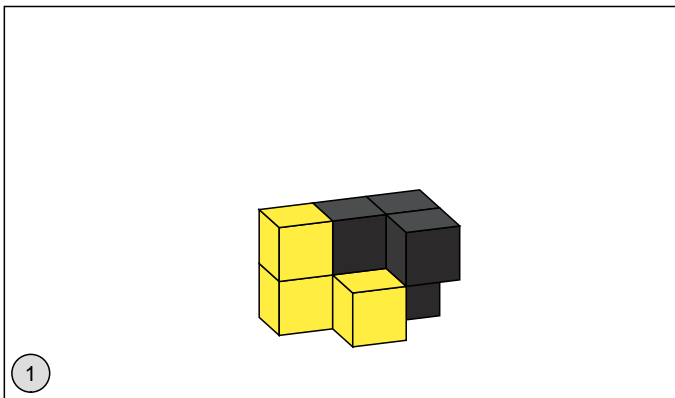


Regenwurm





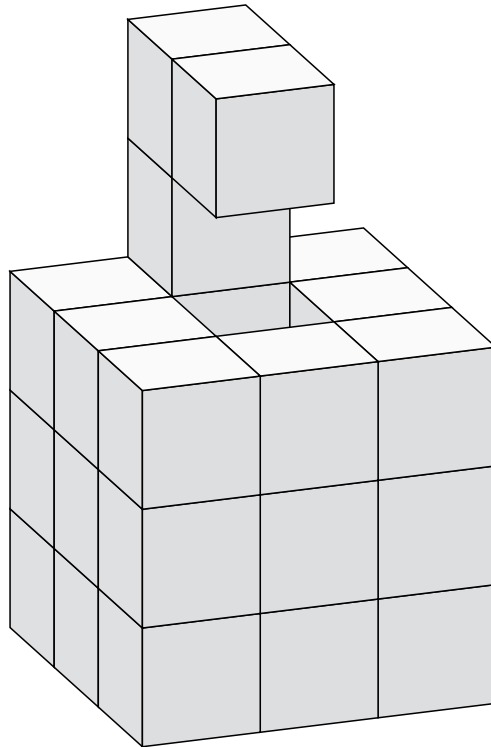
## Eine mögliche Lösung



# Somafiguren

29

Aufgabe: Baue den Brunnen aus allen sieben Somateilen.

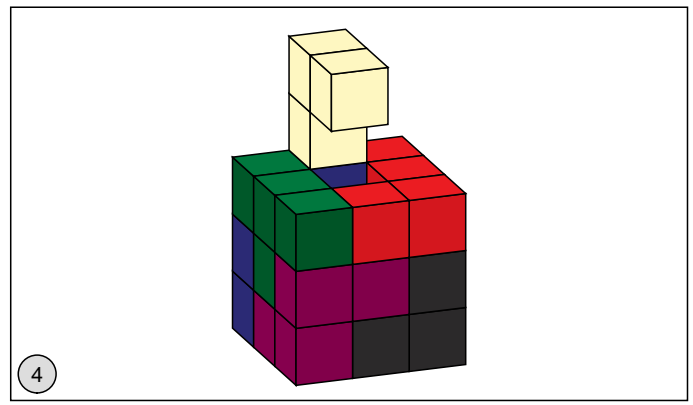
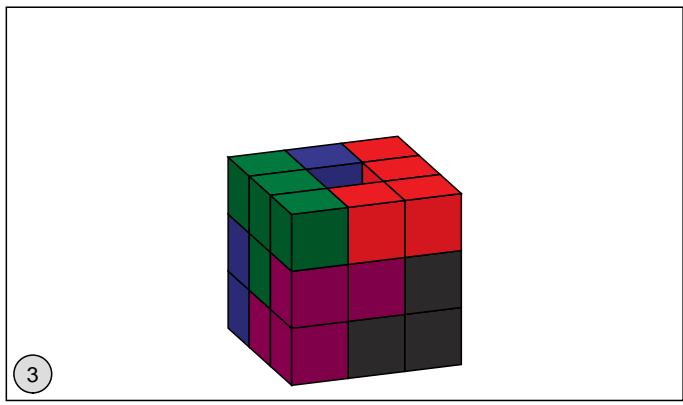
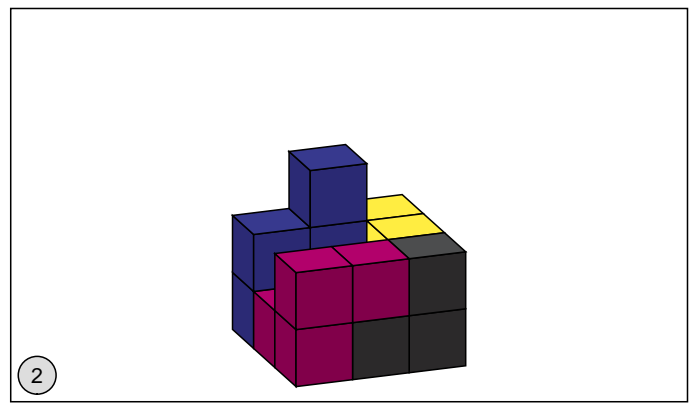
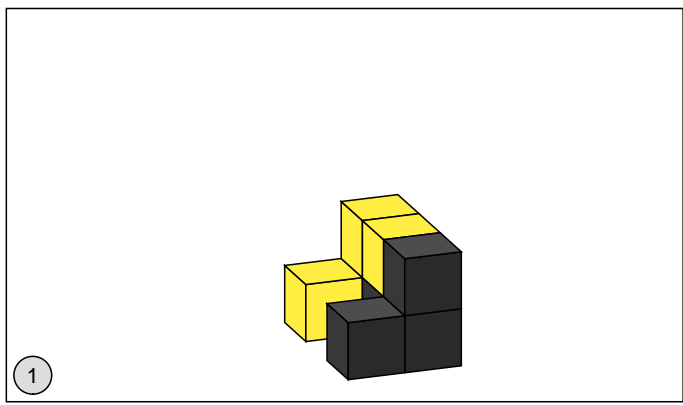


Brunnen



Idee: Lukas aus Münster

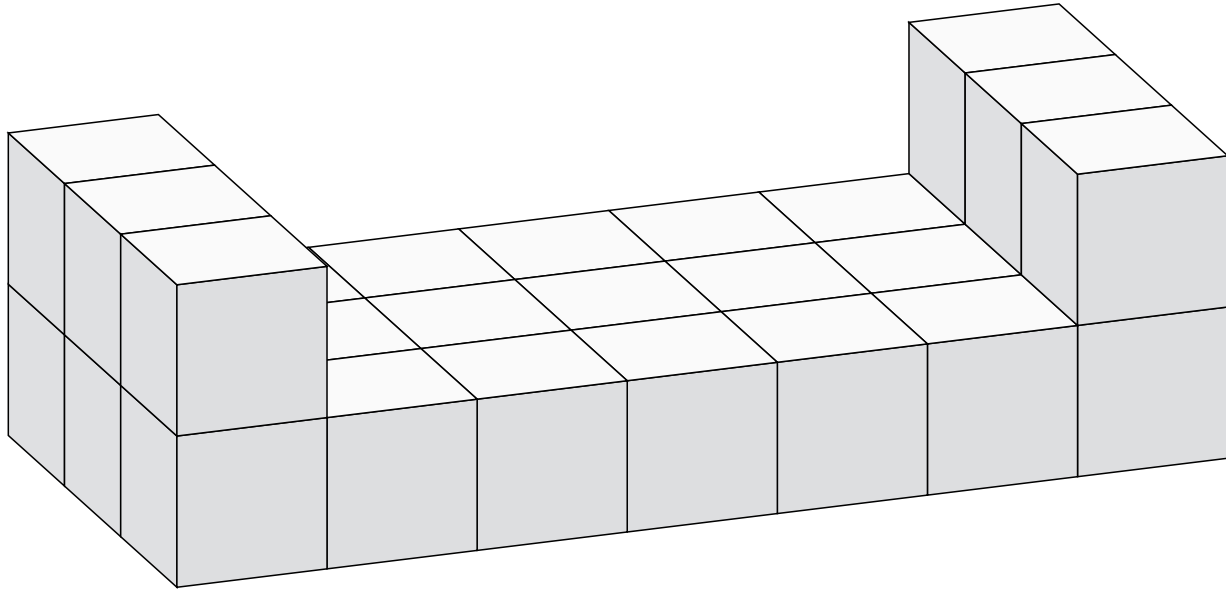
# Eine mögliche Lösung



# Somafiguren

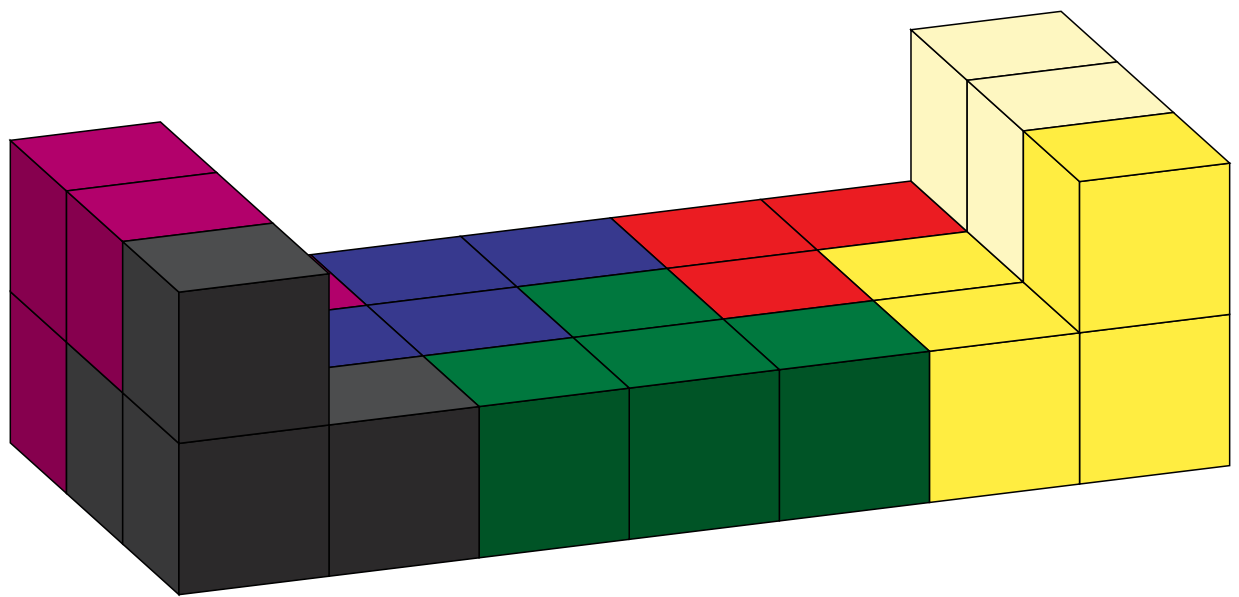
30

Aufgabe: Baue das Bett aus allen sieben Somateilen.



Bett

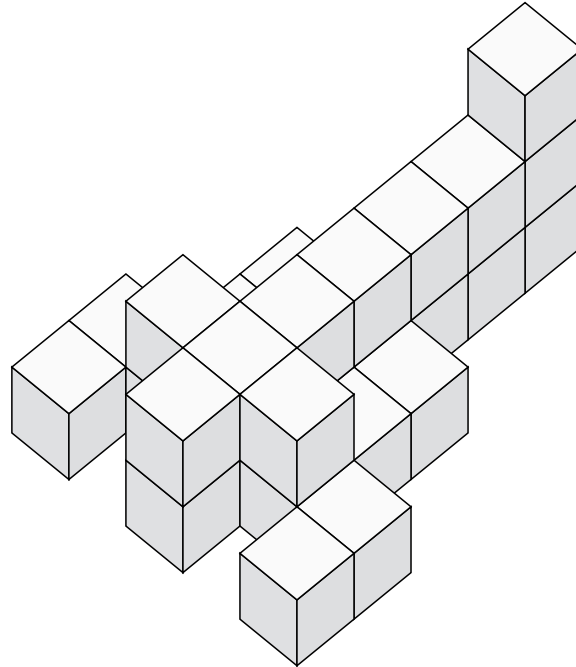




# Somafiguren

31

Aufgabe: Baue den Skorpion aus allen sieben Somateilen.



Skorpion

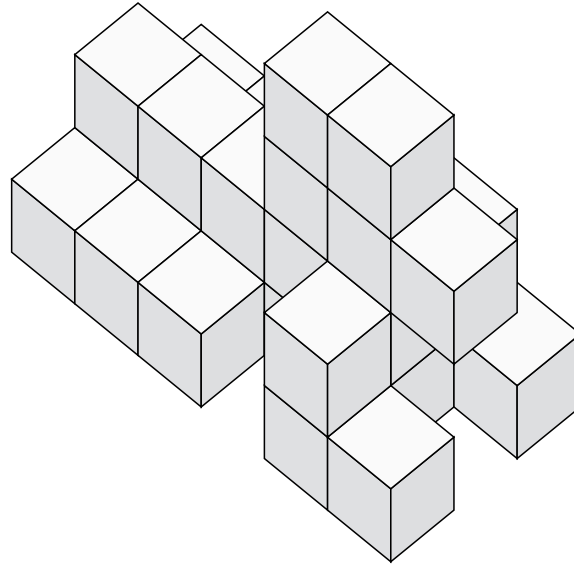




# Somafiguren

32

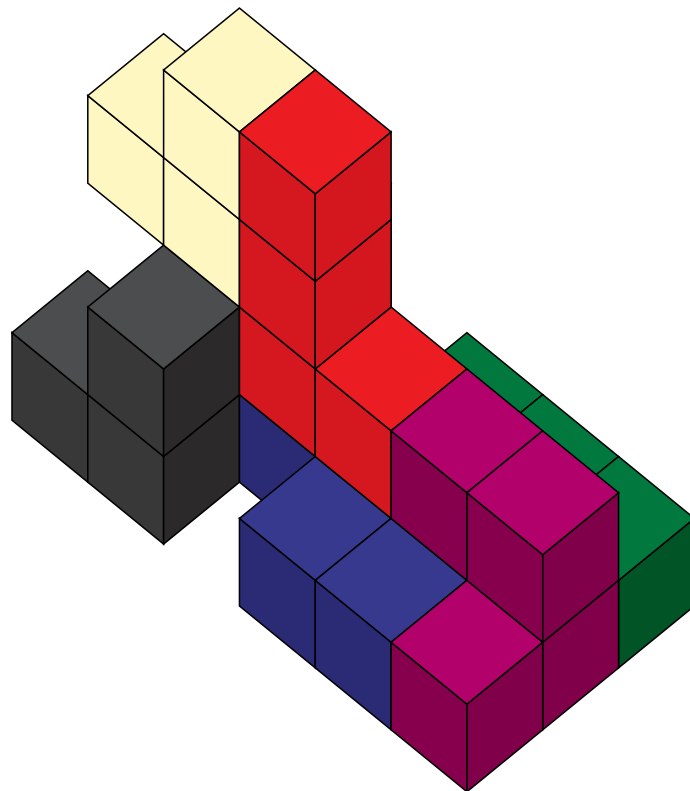
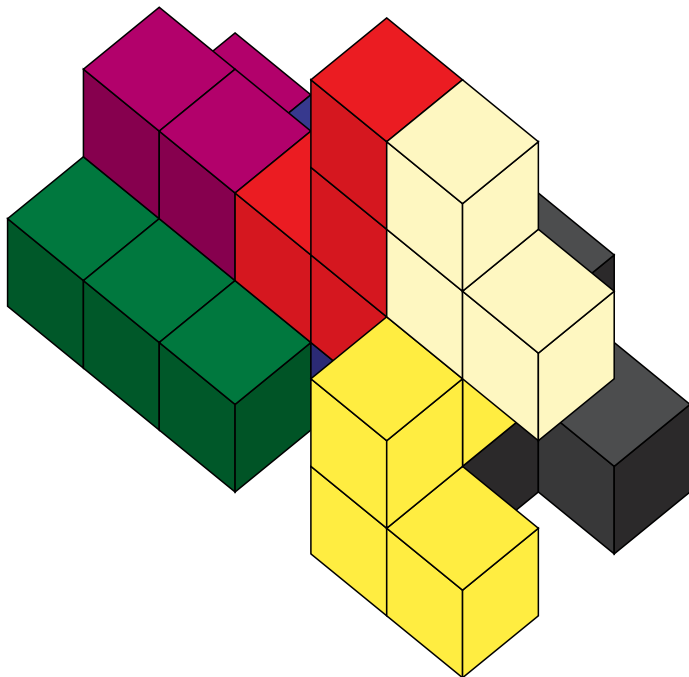
Aufgabe: Baue den Hund aus allen sieben Somateilen.



Hund



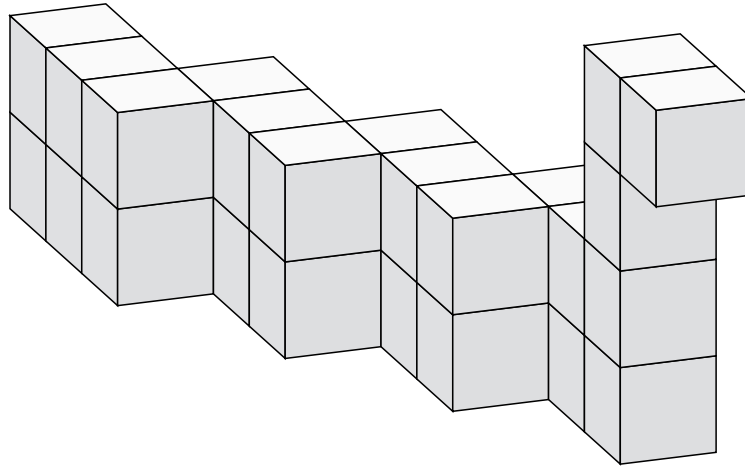




# Somafiguren

33

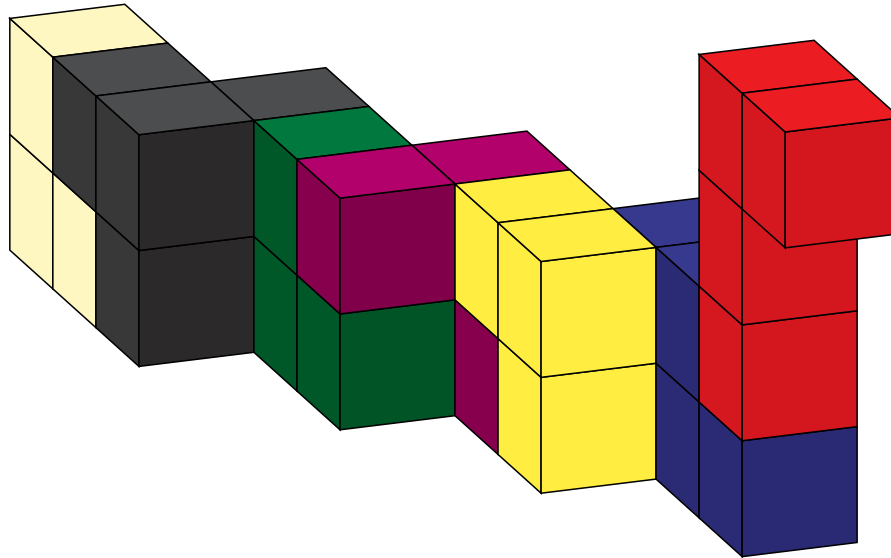
Aufgabe: Baue die Schlange aus allen sieben Somateilen.



Schlange



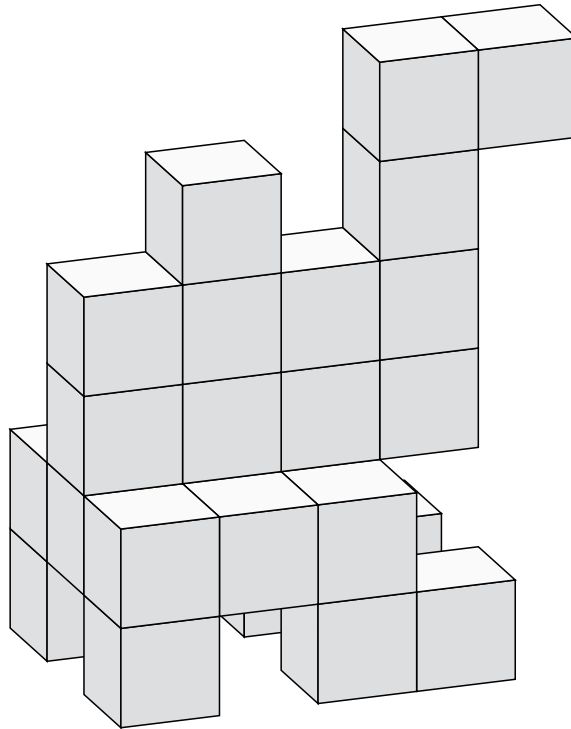
# Eine mögliche Lösung



# Somafiguren

34

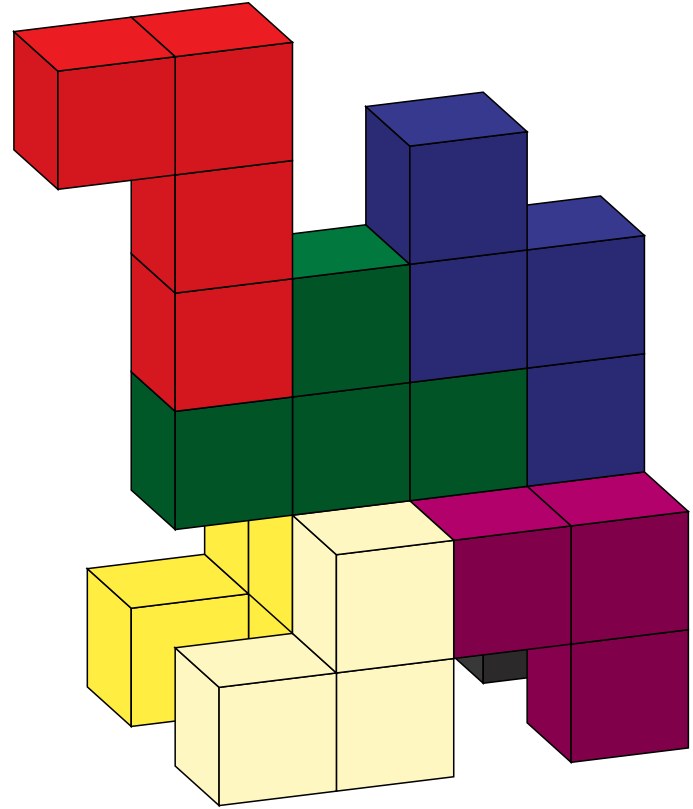
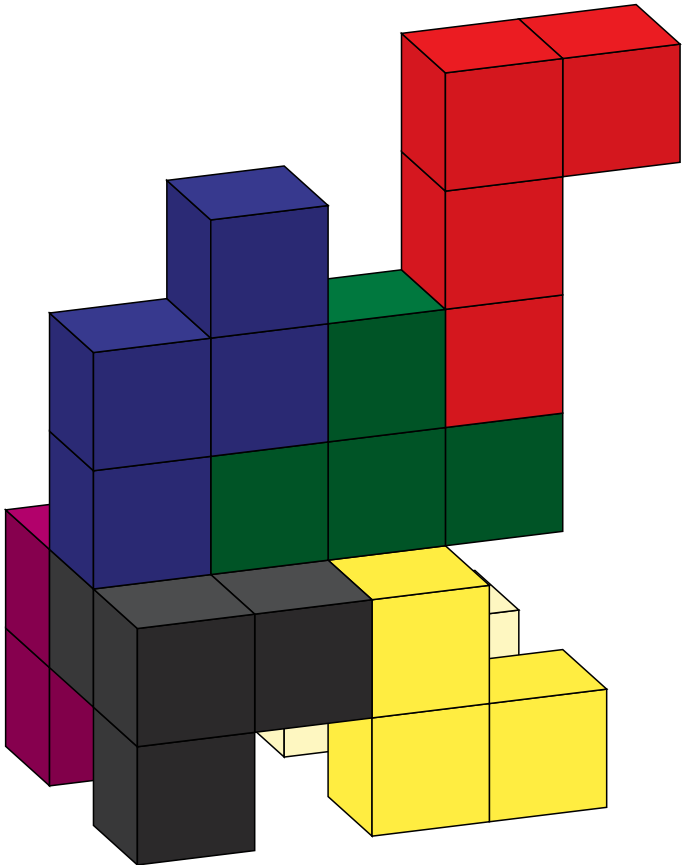
Aufgabe: Baue das Kamel aus allen sieben Somateilen.



Kamel



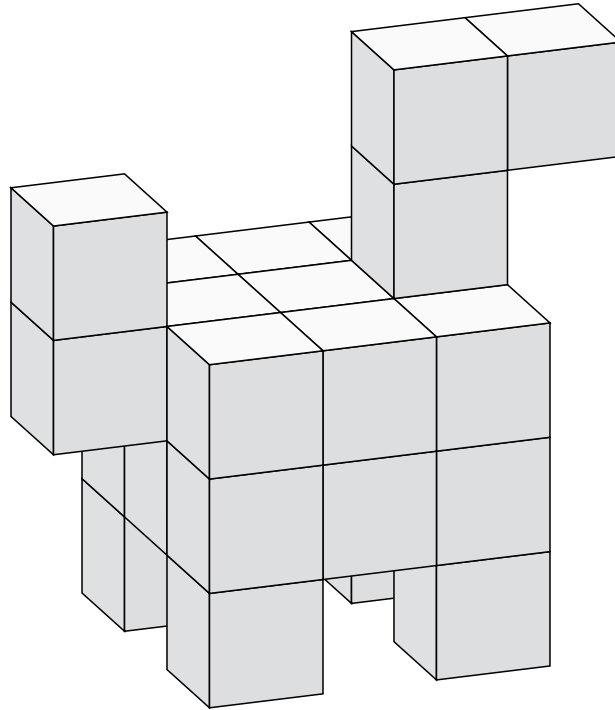
# Eine mögliche Lösung



# Somafiguren

35

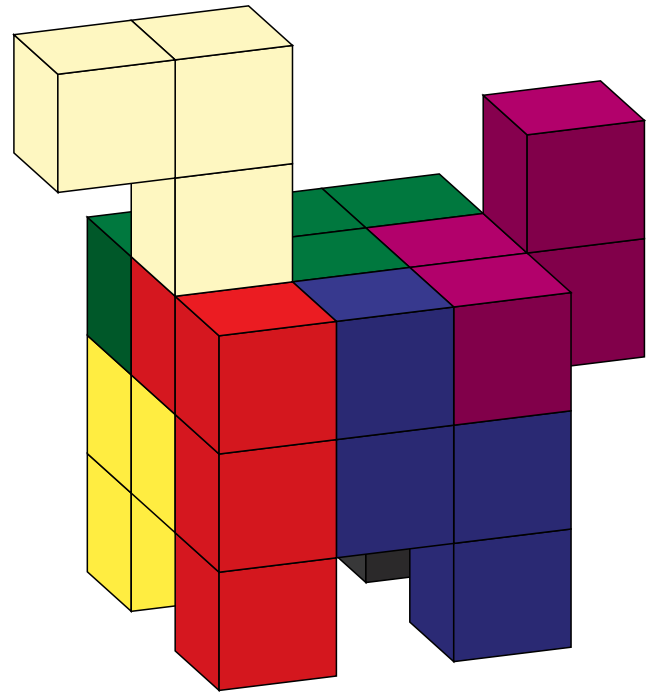
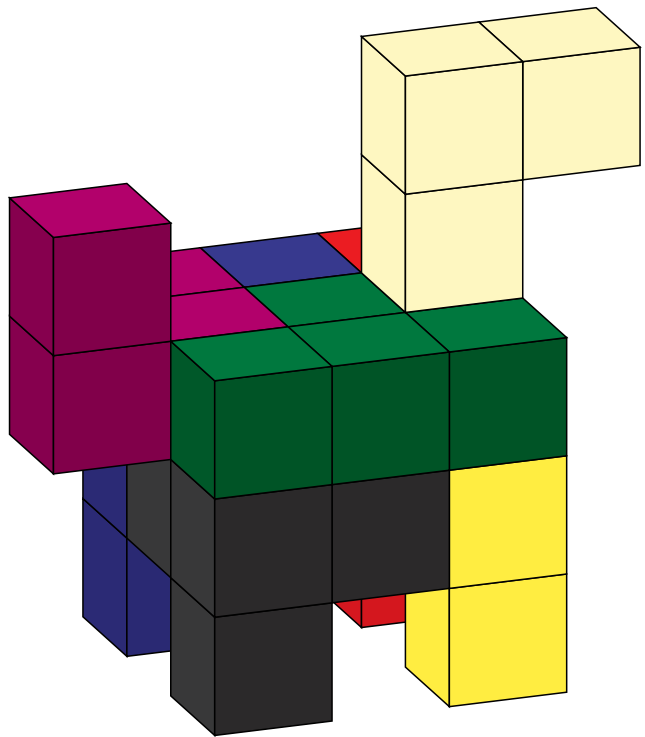
Aufgabe: Baue die Katze aus allen sieben Somateilen.



Katze



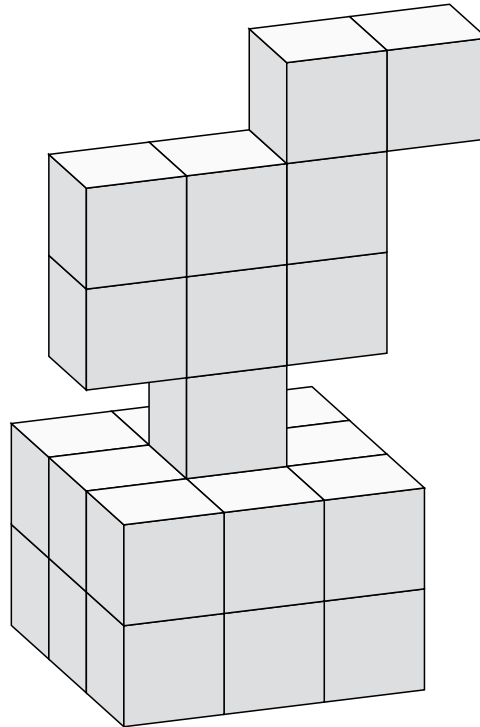
# Eine mögliche Lösung



# Somafiguren

36

Aufgabe: Baue den Wetterhahn aus allen sieben Somateilen.

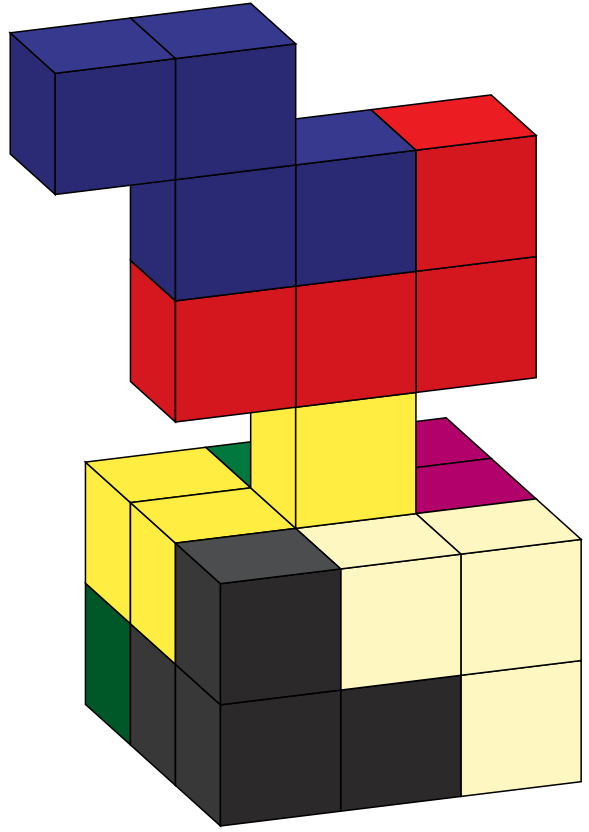
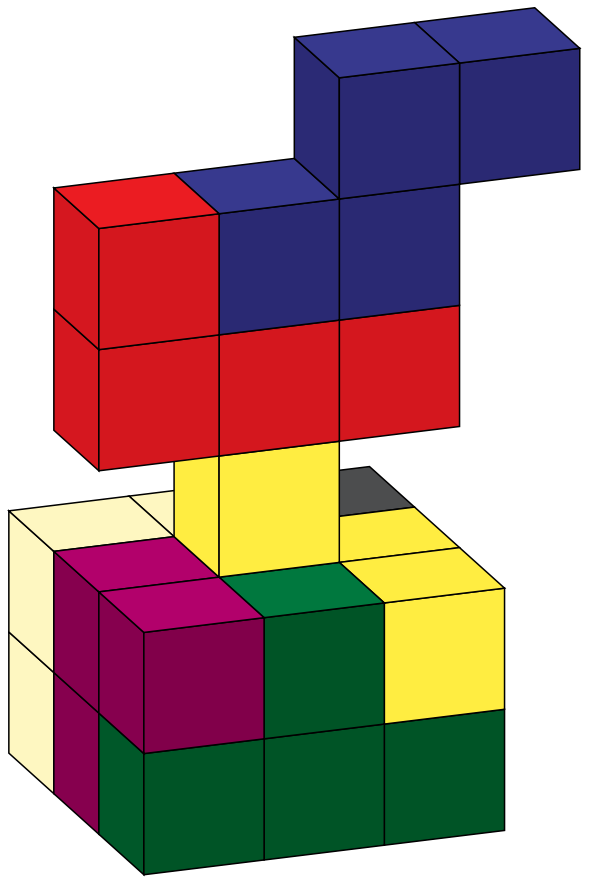


Wetterhahn





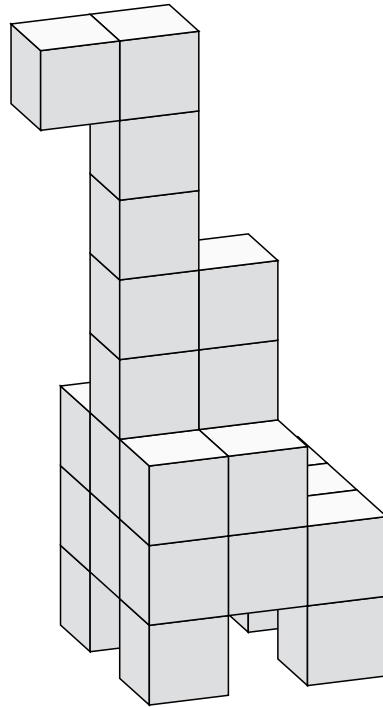
# Eine mögliche Lösung



# Somafiguren

37

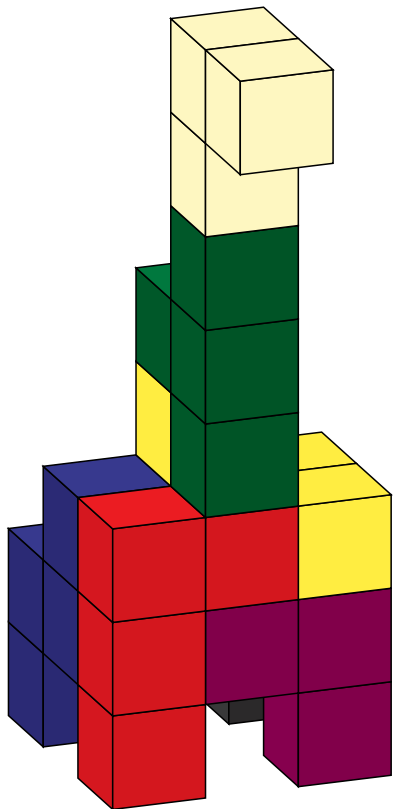
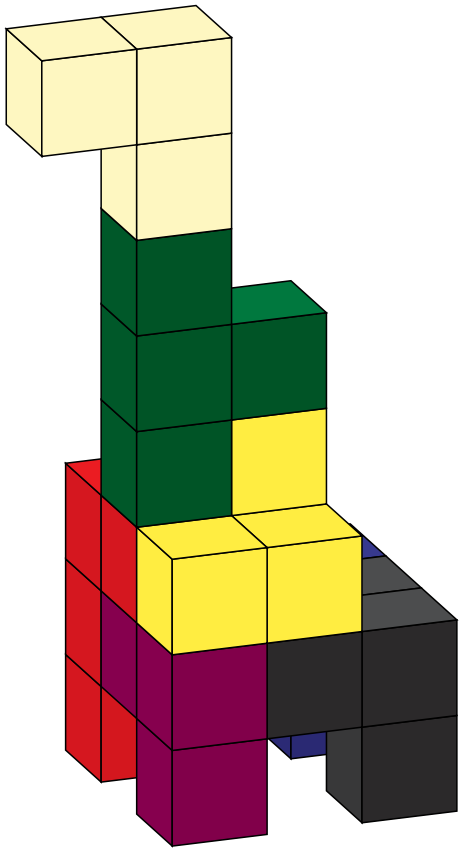
Aufgabe: Baue die Giraffe aus allen sieben Somateilen.



Giraffe



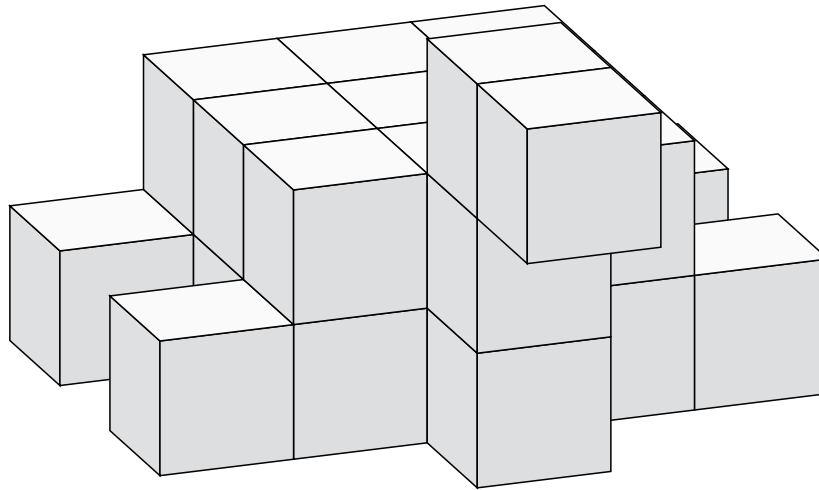
# Eine mögliche Lösung



# Somafiguren

38

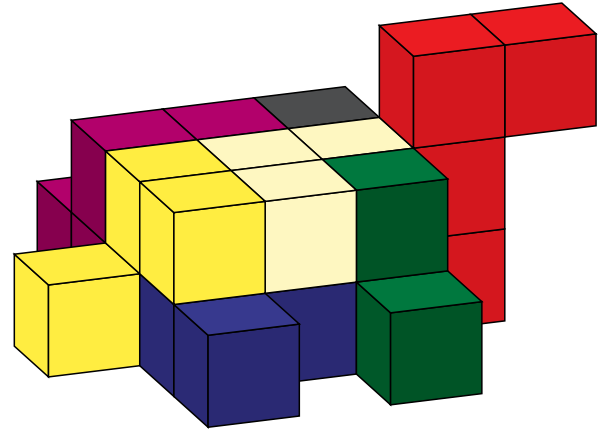
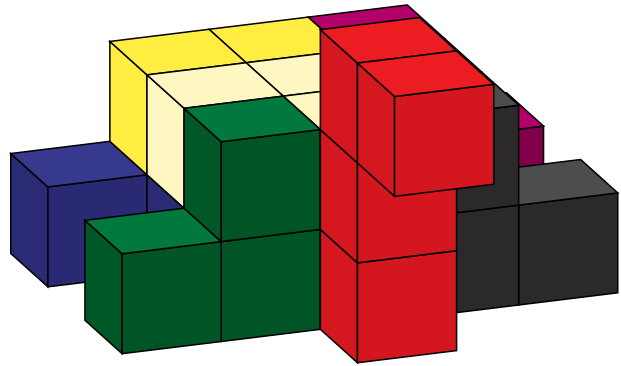
Aufgabe: Baue die Schildkröte aus allen sieben Somateilen.



Schildkröte



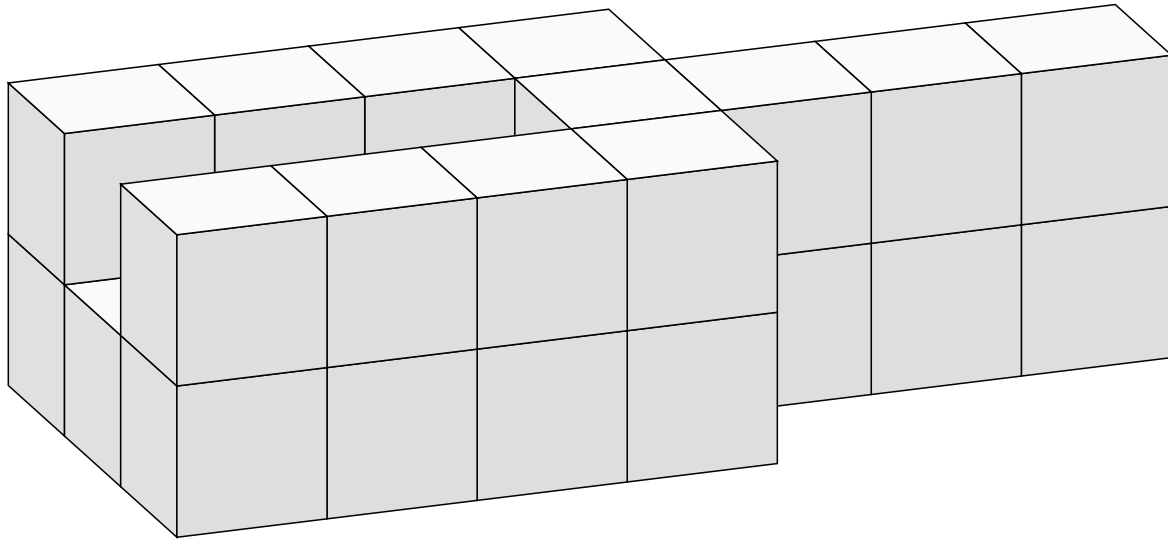
# Eine mögliche Lösung



# Somafiguren

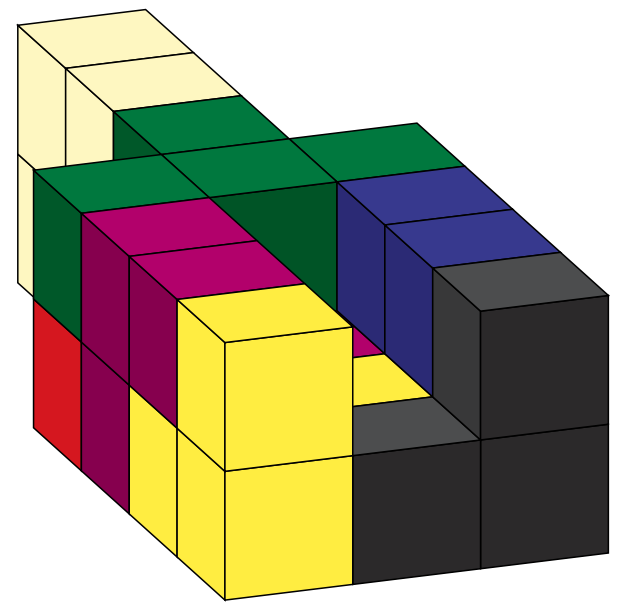
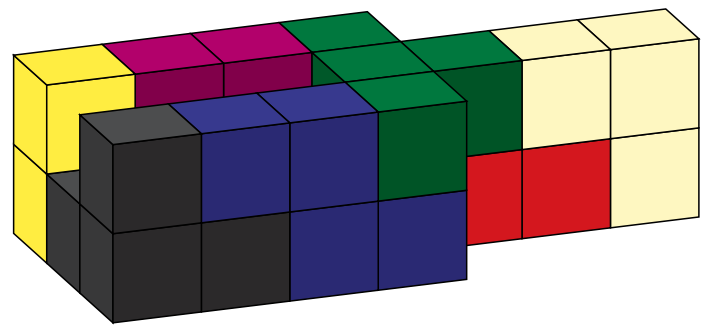
39

Aufgabe: Baue die Schaufel aus allen sieben Somateilen.



Schaufel

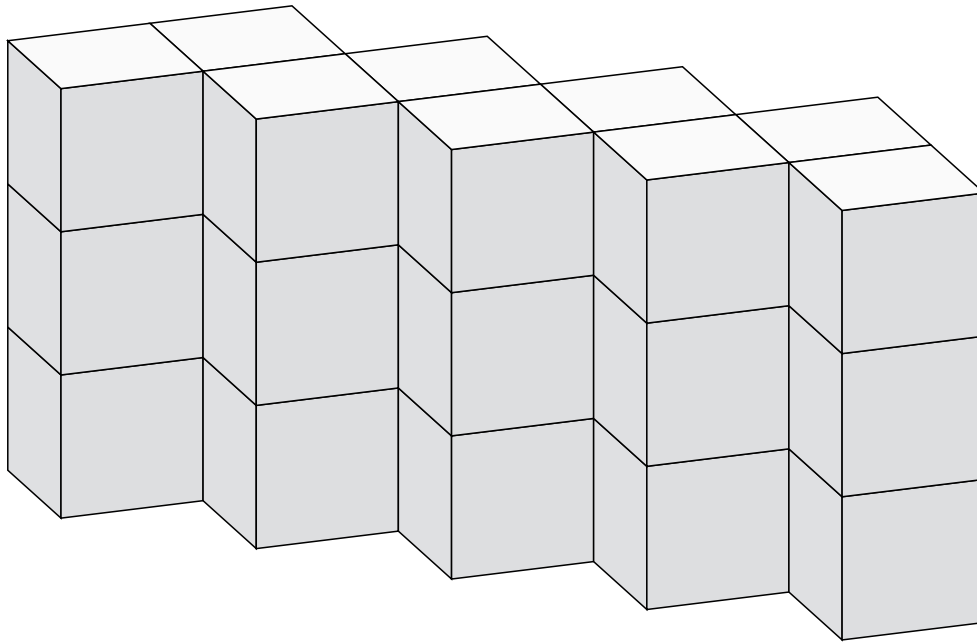




# Somafiguren

40

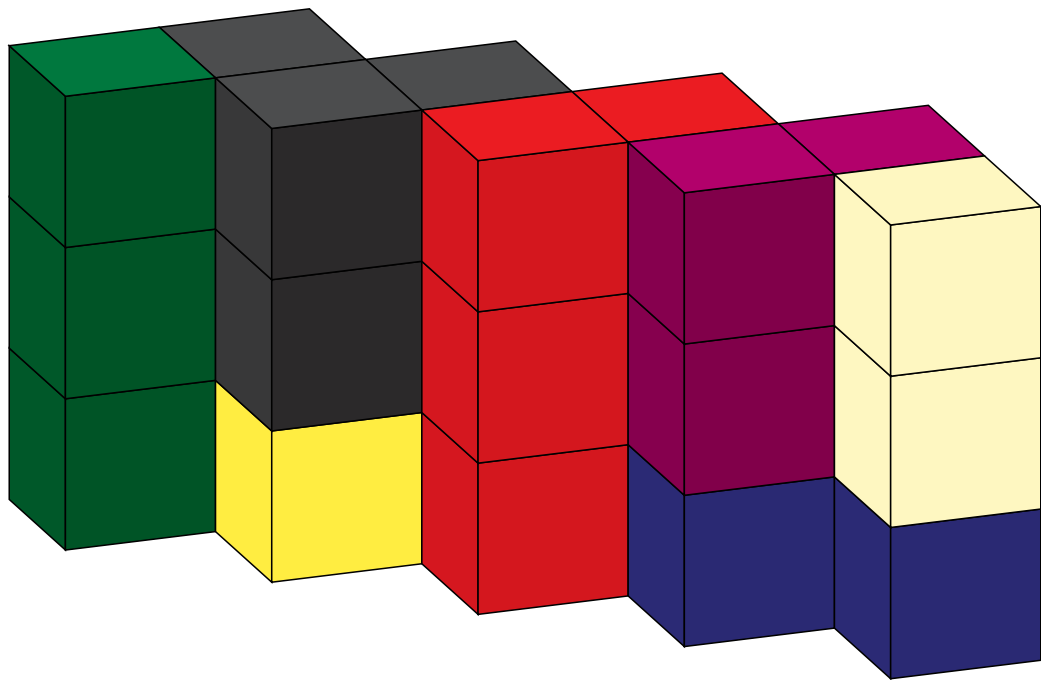
Aufgabe: Baue die Mauer aus allen sieben Somateilen.



Mauer



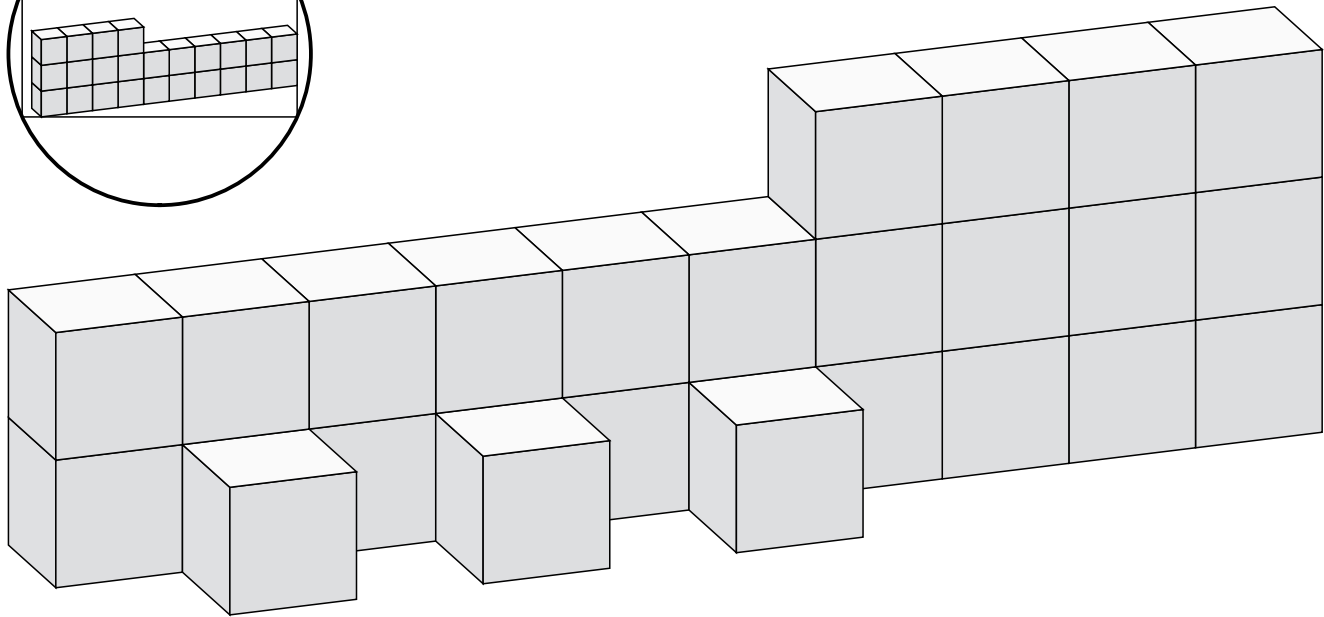
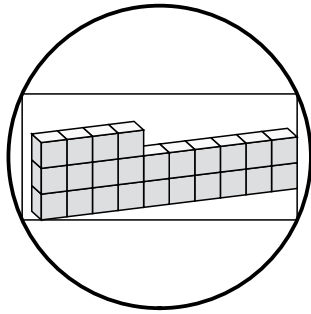




# Somafiguren

41

Aufgabe: Baue den Schlüssel aus allen sieben Somateilen.



Schlüssel



