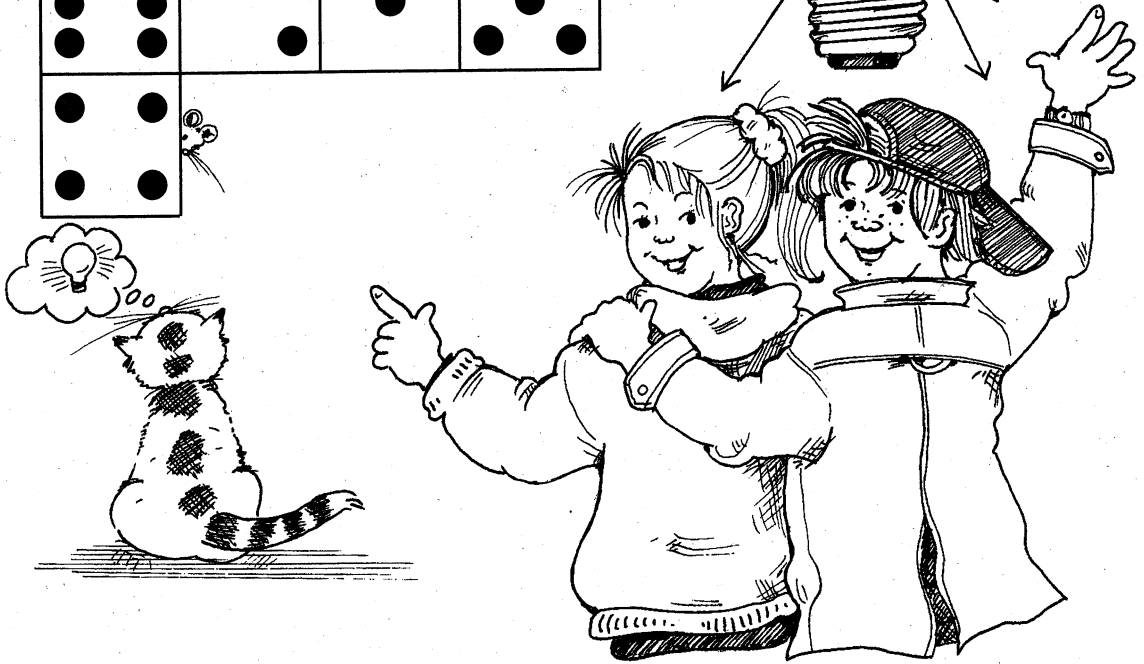
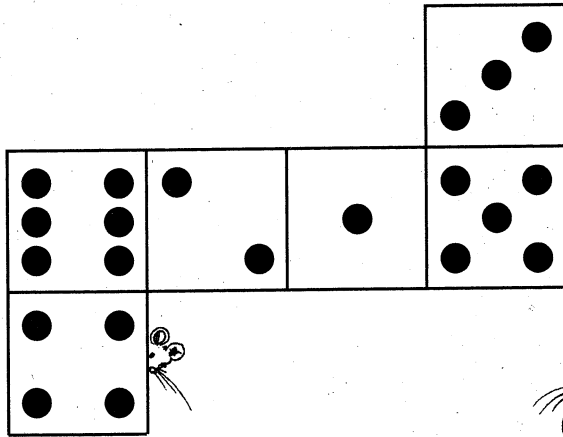


Spielwürfel

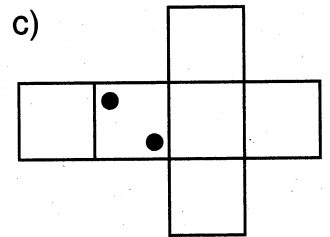
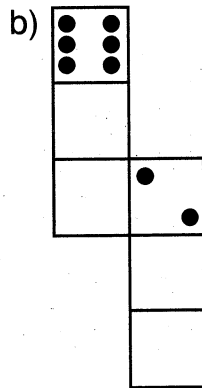
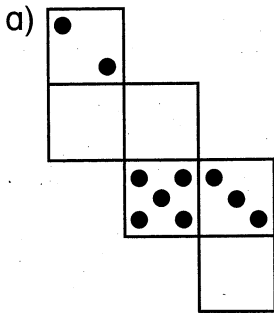
Das ist das Würfelnetz eines Spielwürfels.

Weißt du, wie die Augenzahlen verteilt sind?

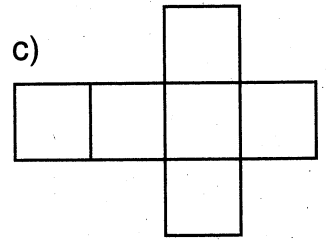
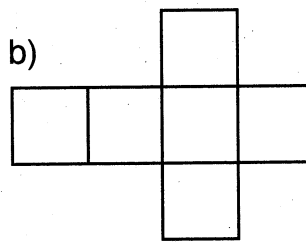
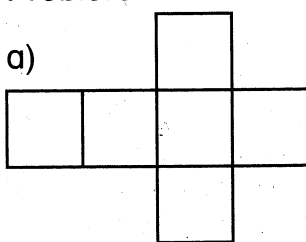


WN 1

1. Trage die fehlenden Augenzahlen ein.



2. Es gibt mehrere Möglichkeiten, die Augenzahlen in ein Würfelnetz zu zeichnen. Probiere.

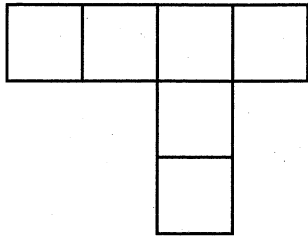


Würfelnetze

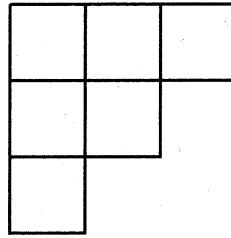


Welche Figuren stellen das Netz eines Würfels dar? Kreuze an.

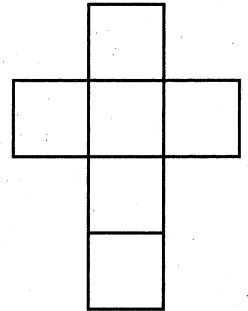
1.



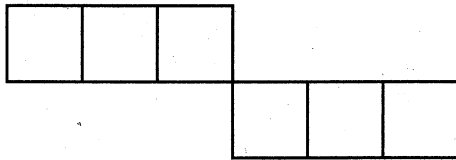
2.



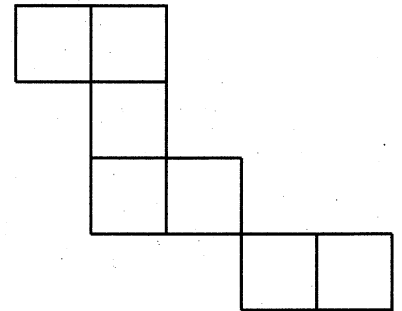
3.



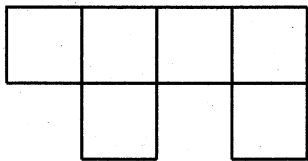
4.



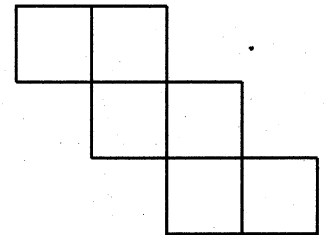
5.



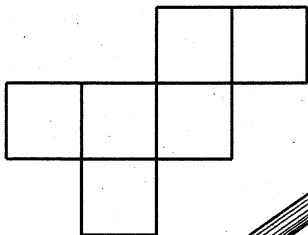
6.



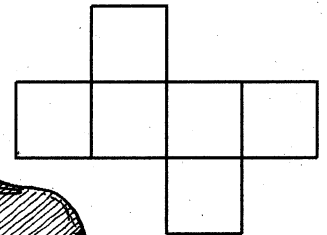
7.



8.

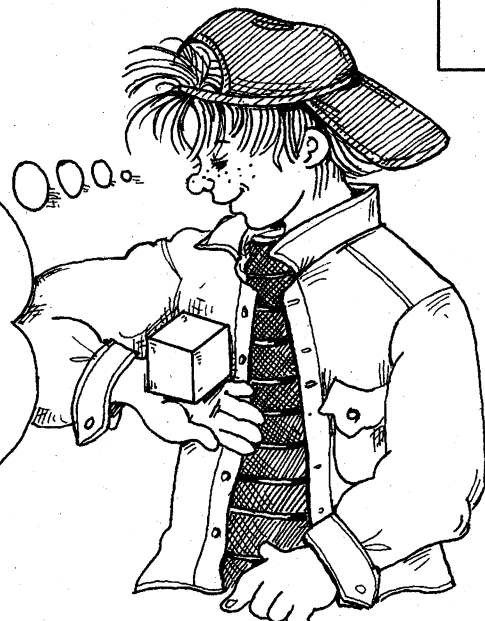


9.



Untersuche:

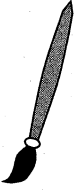
- Es dürfen nicht mehr als 4 Quadrate in einer Reihe liegen.
- Es dürfen niemals 4 Quadrate einen gemeinsamen Eckpunkt haben.
- Liegen 4 Quadrate in einer Reihe, so müssen die beiden anderen auf verschiedenen Seiten dieser Reihe angeordnet sein.



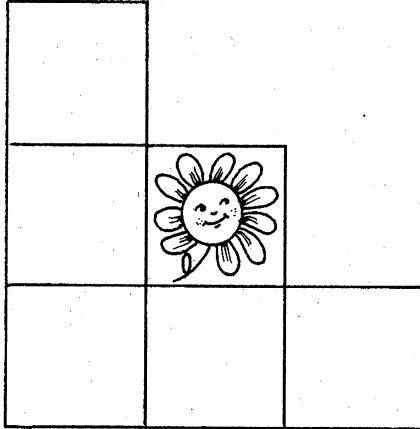
Würfelnetze

a) Welche Figuren sind Würfelnetze? Kreuze an.

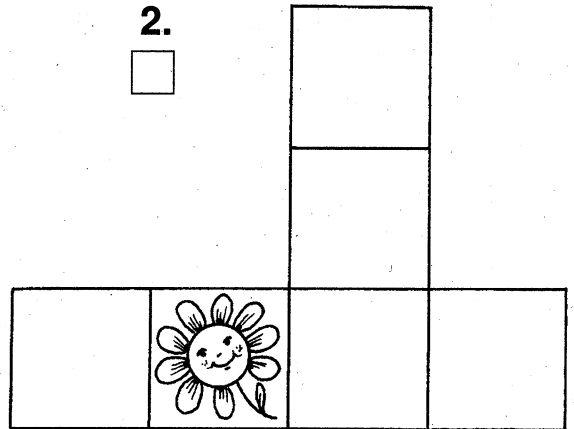
b) Welche Fläche liegt der Blume gegenüber? Färbe sie rot ein.



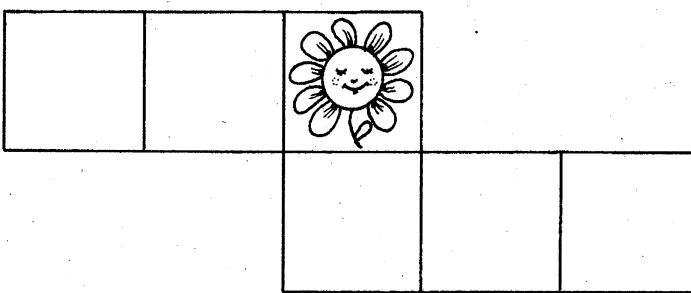
1.



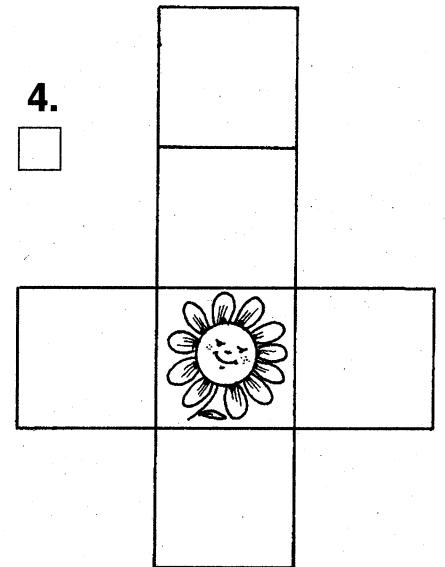
2.



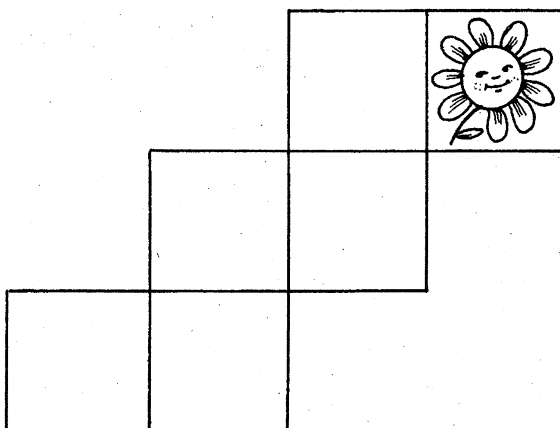
3.



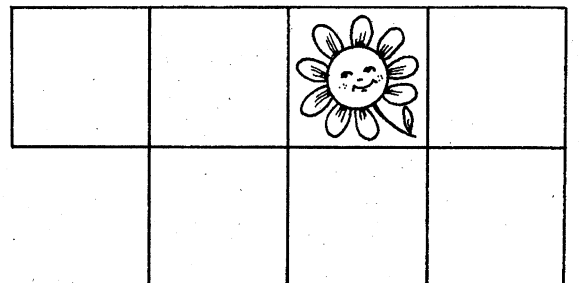
4.



5.



6.

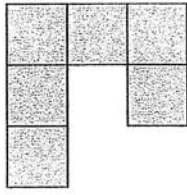


c) Zeichne die Würfelnetze auf Karopapier (S. 43/44),
schneide sie aus und falte Würfel.



Sind das Würfelnetze?

① a)



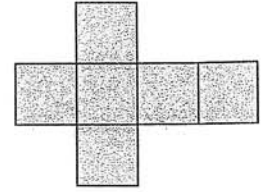
Ja Nein

b)



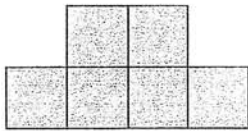
Ja Nein

c)



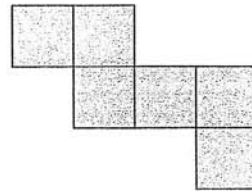
Ja Nein

② a)



Ja Nein

b)



Ja Nein

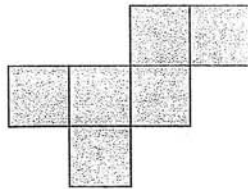
c)



Ja Nein

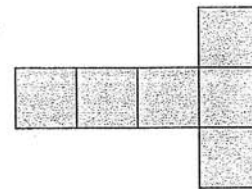
4
WN

③ a)



Ja Nein

b)



Ja Nein

c)



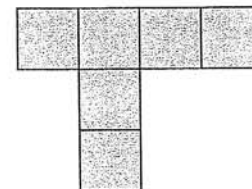
Ja Nein

④ a)



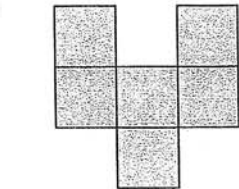
Ja Nein

b)



Ja Nein

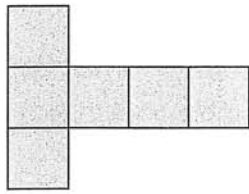
c)



Ja Nein

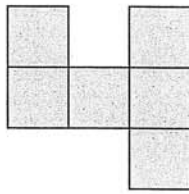
Sind das Würfelnetze?

1 a)



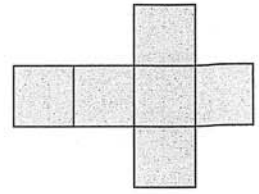
Ja Nein

b)



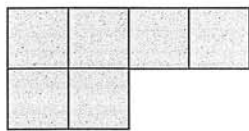
Ja Nein

c)



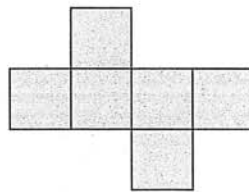
Ja Nein

2 a)



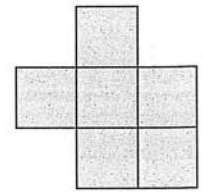
Ja Nein

b)



Ja Nein

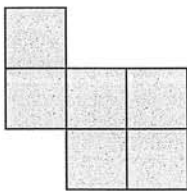
c)



Ja Nein

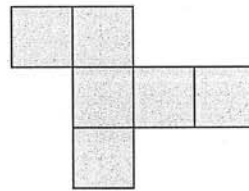
5
WN

3 a)



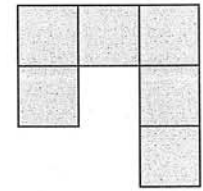
Ja Nein

b)



Ja Nein

c)



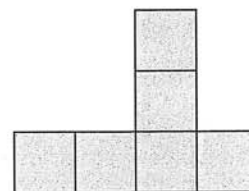
Ja Nein

4 a)



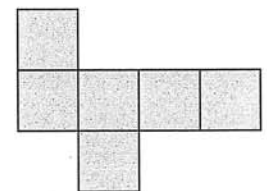
Ja Nein

b)



Ja Nein

c)



Ja Nein