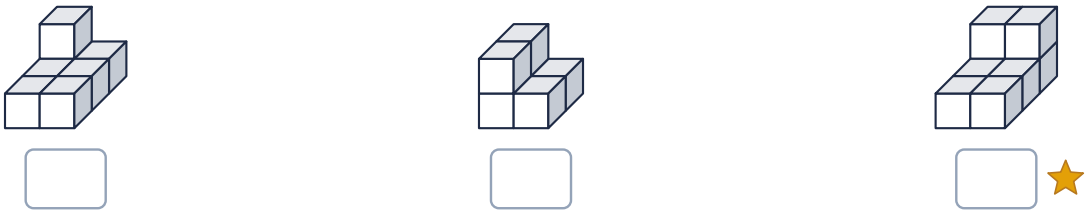
CUBE LOCK

NAME: _____

Harder level

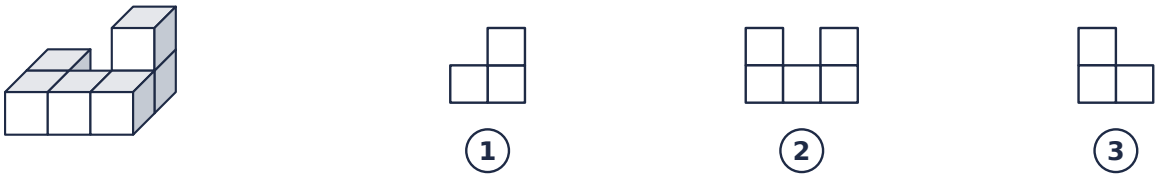
1 **How many cubes are in each building? Some cubes are hidden under others.**

★ For the lock: the number of cubes in the starred building.



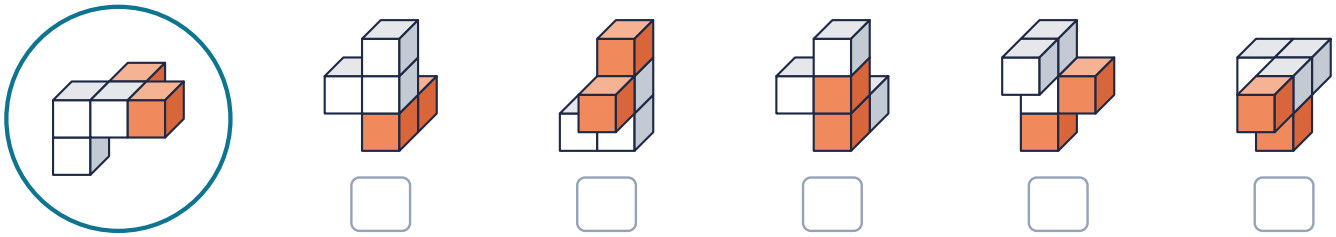
2 **What do you see when you look at the building from the left? Circle the right picture.**

★ For the lock: the number of the right picture.



3 **Which building is the one in the circle? It may be turned or tipped over, but the orange cubes must be in the same places. Write ✓ or ✗ under each.**

★ For the lock: how many buildings are the same.



4 **The die rolls along the path. One face presses onto each square. How many dots does it leave? Opposite faces add up to 7.**

★ For the lock: the number of dots on the starred square.



Open the lock! Write the digits from tasks 1–4.

1	2	3	4

Hint: the four digits add up to 17.

CUBE LOCK SOLUTION

NAME: _____

Harder level

1 **How many cubes are in each building? Some cubes are hidden under others.**

★ For the lock: the number of cubes in the starred building.



7



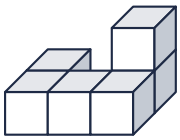
6



8 ★

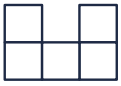
2 **What do you see when you look at the building from the left? Circle the right picture.**

★ For the lock: the number of the right picture.





(1)



(2)



(3)

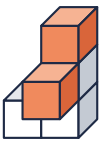
3 **Which building is the one in the circle? It may be turned or tipped over, but the orange cubes must be in the same places. Write ✓ or ✗ under each.**

★ For the lock: how many buildings are the same.





✗



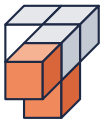
✓



✗



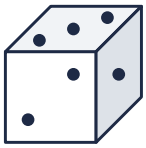
✗



✓

4 **The die rolls along the path. One face presses onto each square. How many dots does it leave? Opposite faces add up to 7.**

★ For the lock: the number of dots on the starred square.



start	1	3	6	4 ★

Open the lock! Write the digits from tasks 1–4.

1	2	3	4
8	3	2	4

Hint: the four digits add up to 17.