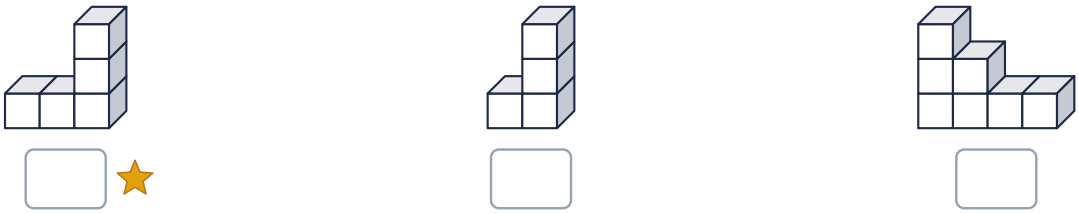
CUBE LOCK

NAME: _____

Easier level

1 **How many cubes are in each building? No cube is hidden.**

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



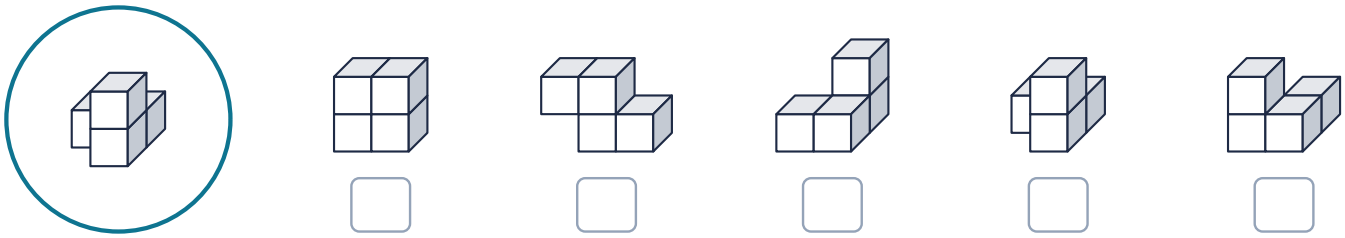
2 **What do you see when you look at the building from the right? Circle the right picture.**

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



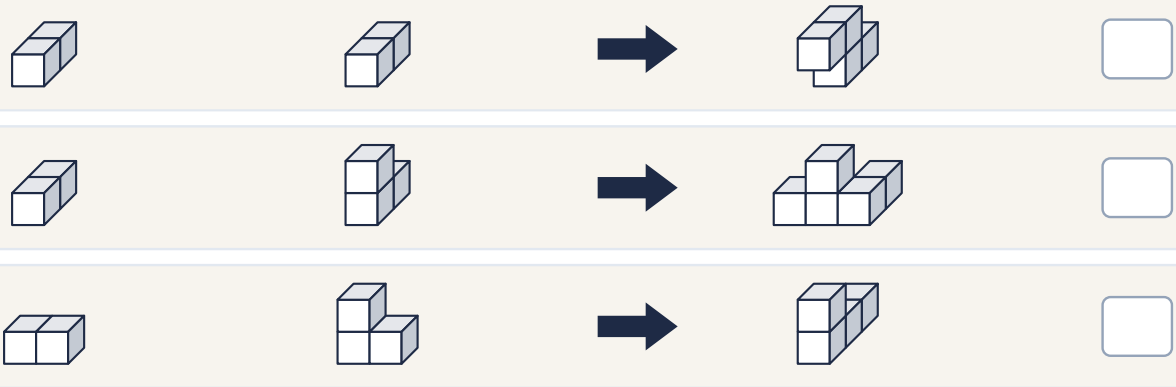
3 **Which building is the one in the circle, just turned around? Write ✓ or ✗ under each.**

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



4 **Do the pieces on the left make the building on the right? You may spin the pieces. Write ✓ or ✗.**

★ For the lock: how many ticks ✓ you wrote.



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

1	2	3	4

Hint: the four digits add up to 12.

CUBE LOCK SOLUTION

NAME: _____

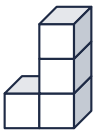
Easier level

1 **How many cubes are in each building? No cube is hidden.**

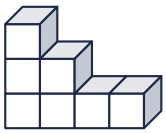
★ For the lock: the number of cubes in the starred building.



5 ★



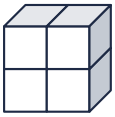
4



7

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

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





1



2

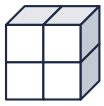


3

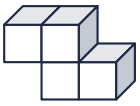
3 **Which building is the one in the circle, just turned around? Write ✓ or ✗ under each.**

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

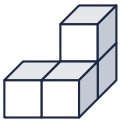




✗



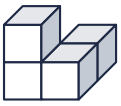
✗



✗



✓



✓

4 **Do the pieces on the left make the building on the right? You may spin the pieces. Write ✓ or ✗.**

★ For the lock: how many ticks ✓ you wrote.



✓



✓



✗

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

1 5 | 2 3 | 3 2 | 4 2

Hint: the four digits add up to 12.