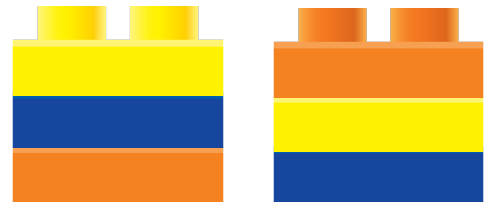




Use these blocks to build tall towers that have a green block on top. How many different towers can you make?

Here are some tall towers I have built with these three blocks.



I haven't made all the different possible solutions.



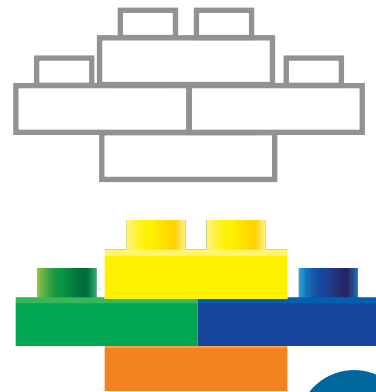
How many are missing?



Use these blocks to build tall towers that have a green block on top. How many different towers can you make?

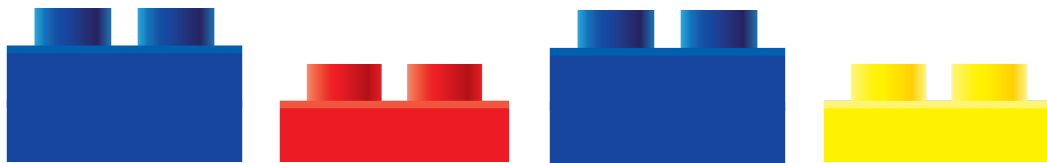
How many ways can I build this wide tower if the blue block is always in the middle row?

I have shown you one example.



1

How many different ways can I build a tall tower using these four blocks?

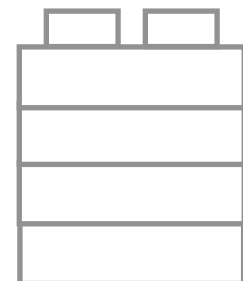


2

My tall tower is four blocks high.

It is made out of two colours. There are two blocks of each colour.

How many different ways can I build my tower?



3

I am building this wide tower with four blocks.
Red and orange blocks must be on the top or bottom.

How many are missing?



How many different tall towers can you build if the green block can only be at the top or the bottom?



How many tall towers can you create with these blocks if the red block must be directly on top of the yellow block?



What are the rules?

Use the information shown on this diagram to colour in the mystery pieces.

Name: _____

