Use these blocks to build tall towers that have a green block on top.

How many different towers can you make?

Name/s: _____

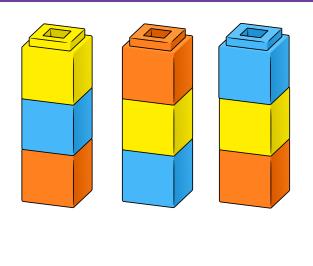


Here are some tall towers I have built with these three blocks.

I haven't made all the different possible solutions.

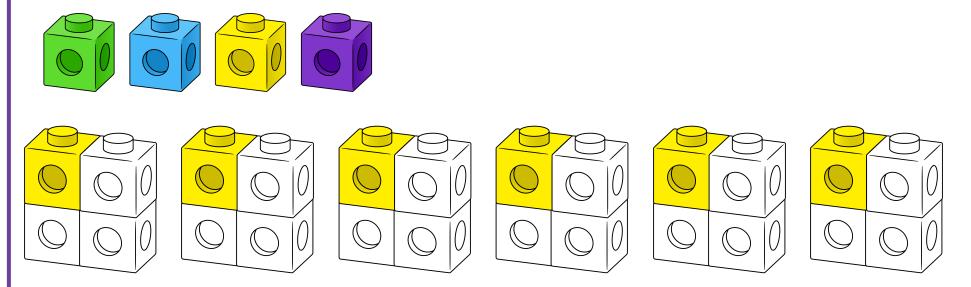
How many are missing? Draw them.

Name/s: _____





Can you find the six different ways to connect these blocks if the yellow block is in the top left corner?

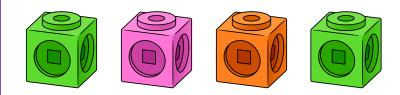


How many ways are possible when yellow and blue are both on top - in either corner?



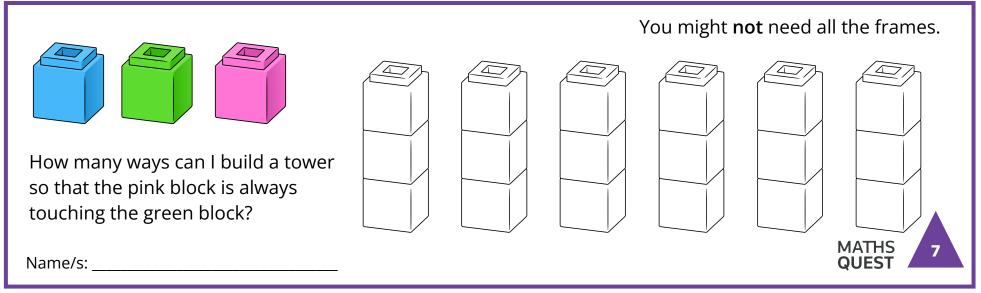
Use these blocks to build tall towers that have a yellow block on top.		
How many different towers can you make?	MATHS	
Name/s:	QUEST	4

	You might not need all the frames.
How many ways can I build this wide tower	
if the blue block is always in the middle row?	
l have shown you one example.	MATHS
Name/s:	QUEST 5



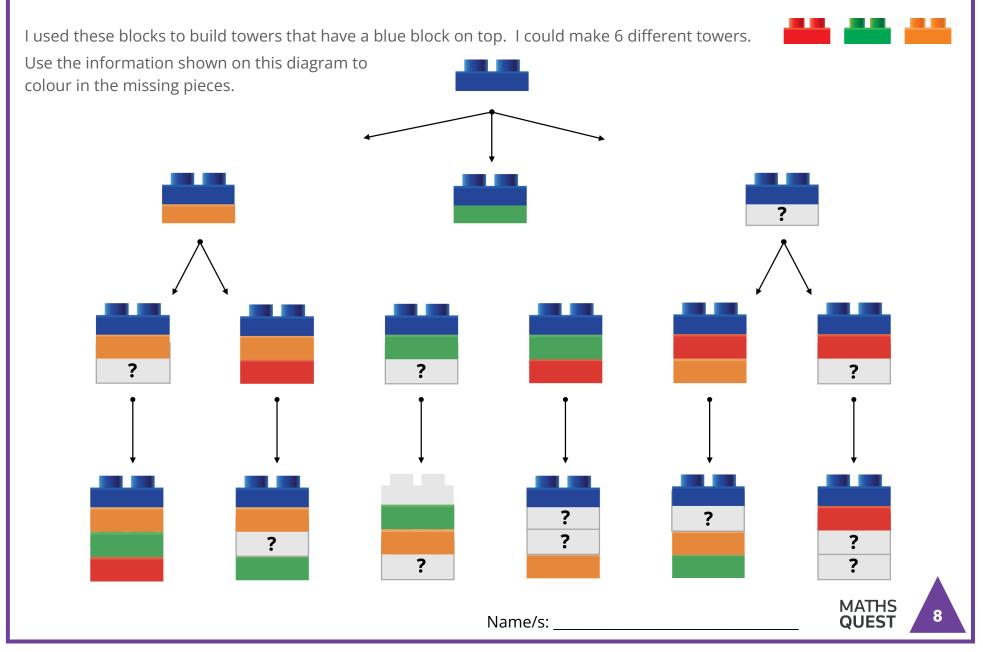
How many different towers can I build if green and pink can never touch?

Name/s: _____

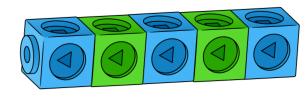


MATHS

QUEST

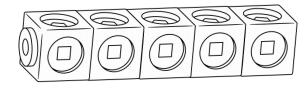


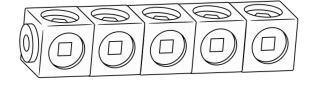
I have connected five blocks in a row. Three are blue and two are green. How many other ways can I connect them?

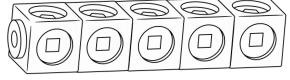


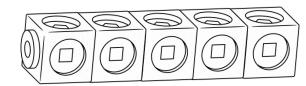
Challenge

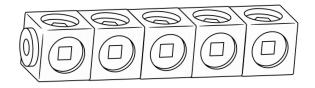
You might **not** need all the frames.

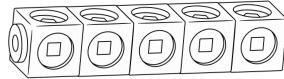


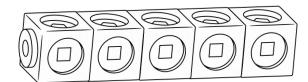


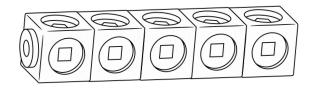


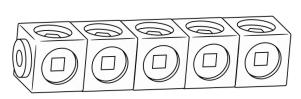




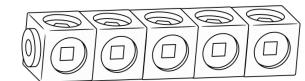


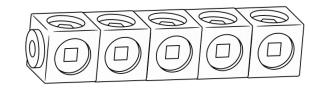






MATHS QUEST





Name/s: _