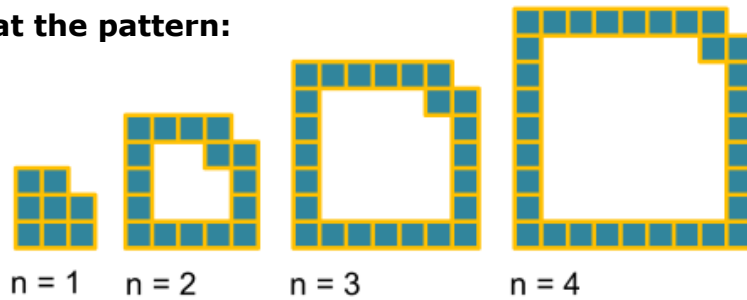
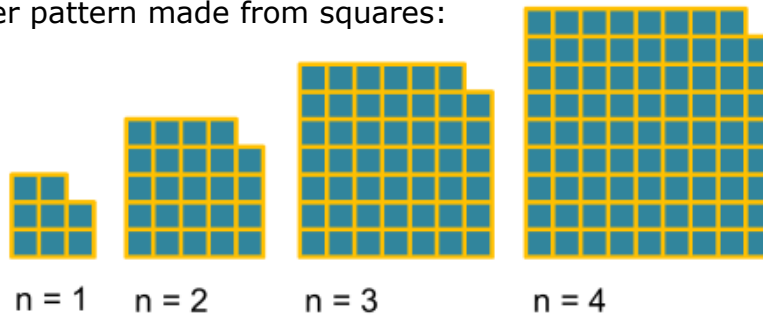


Take a look at the pattern:



- Can you describe the next few patterns in the sequence?
- Can you work out how many squares there are in each pattern?
- Is there a quick way to work out the number of squares in the 20th pattern? Or the 50th pattern? Or...

Here's another pattern made from squares:

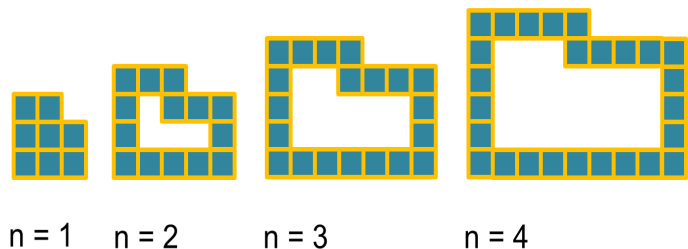


- Can you describe the next few patterns in the sequence?
- Can you work out how many squares there are in each pattern?
- Is there a quick way to work out the number of squares in the 20th pattern? Or the 50th pattern? Or...

Can you describe any relationships between the two patterns?

Here are two similar linked patterns:

Can you find a quick way to work out how many squares there are in these patterns?



Can you describe any relationships between these two patterns?

