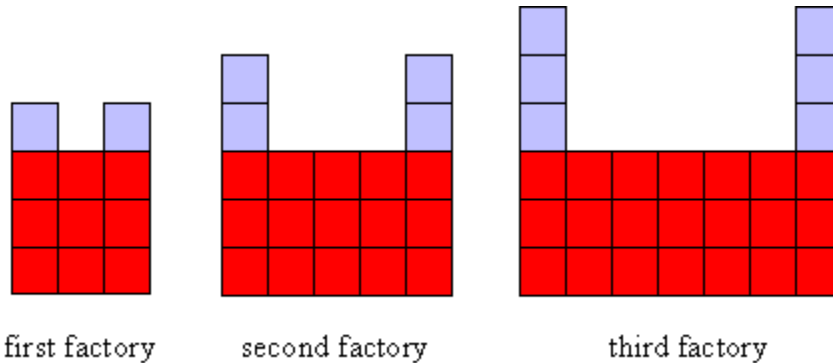


Building Patterns Constantly Copymaster 2

Here is another sequence of factories. Complete the table for this pattern.



factory number	1	2	3	4	5
number of grey squares					
number of red squares					
number of all squares					

Find as many patterns as you can here.

Be ready to answer questions like:

How many grey squares do we need for the eighth factory?

How many grey squares will we need for the hundredth factory?

What is the number pattern for the grey squares?

How many red squares do we need for the ninth factory?

If there are 14 grey squares how many red squares are there?

What is the number pattern for the red squares?

How do we get the number of red squares for one factory from the number of red squares in the factory before that?

If we have to use exactly 36 red squares in making a factory, how many grey squares would we need?

How many squares do we need altogether for the seventh factory?

What is the number pattern that we are getting for the total number of squares?

If we had 35 tiles, which numbered factory could we make?

*Which of these numbers are **not** a number of squares for one of these factories: 20, 21, 22, 23?*