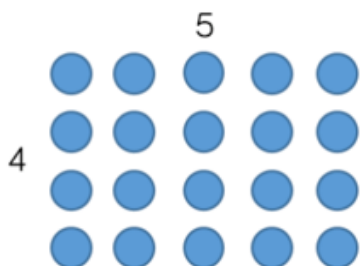


Factors

1.

If you have twenty counters, how many different ways of arranging them can you find?



How many factors of twenty have you found by arranging your counters in different arrays?

2.

Circle the factors of 60

9, 6, 8, 4, 12, 5, 60, 15, 45

Which factors of 60 are not shown?

3.

Fill in the missing factors of 24

$$1 \times \underline{\quad} \qquad \underline{\quad} \times 12$$

$$3 \times \underline{\quad} \qquad \underline{\quad} \times \underline{\quad}$$

What do you notice about the order of the factors?

Use this method to find the factors of 42

4.

Here is Annie's method for finding factor pairs of 36

1	36
2	18
3	12
4	9
5	X
6	6

When do you put a cross next to a number?

How many factors does 36 have?

Use Annie's method to find all the factors of 64

5.

Q1) Jonny says

"There are more factor pairs for the number 24 than there are compared to the number 22"



Is he right/wrong? Explain how you know.