

Monday 1<sup>st</sup> March

## Dividing (and multiplying) by 2

For this lesson you will need to raid your sock drawer! Find some socks (between 4 and 10 pairs would be about right).



Separate the socks from their pairs and spread them out on the floor or table.

How many *individual* socks do you have?                      \_\_\_ socks

Now put them back into pairs (you could race someone to see who could pair the most!)

How many *pairs* of socks do you have?                      \_\_\_ pairs

A pair is a group of 2. Complete this sentence to describe your socks, then complete the division statement to go with it.

\_\_\_ socks are put in groups of 2. There are \_\_\_ groups.

$$\text{___} \div 2 = \text{___}$$

Remember when we were learning about multiplication? That was about equal groups too. Complete this sentence to describe your socks, then complete the *multiplication* statement to go with it.

I have \_\_\_ groups of 2 socks. I have \_\_\_ socks altogether.

$$\text{___} \times 2 = \text{___}$$

Talk about *what is the same* and *what is different* about your two number sentences.

Your task: Count the items and the pairs in each picture. Write a multiplication and division statement for each one.



$$\underline{\quad} \div 2 = \underline{\quad}$$

$$\underline{\quad} \times 2 = \underline{\quad}$$



$$\underline{\quad} \div 2 = \underline{\quad}$$

$$\underline{\quad} \times 2 = \underline{\quad}$$



$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$



\_\_\_\_\_

\_\_\_\_\_

Optional challenge question:

I have 24p  
in 2p coins.  
How many  
2p coins do  
I have?



I have 24p. I  
divide it equally  
between 2 friends.  
How much will  
they get each?

For both these problems, write a division statement using the  $\div$  sign. What do you notice?