

Wednesday

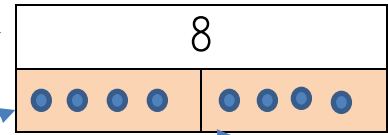
Yesterday we looked at using arrays to share.

Another way of doing sharing is through a bar model

The top number shows us the whole amount (8)

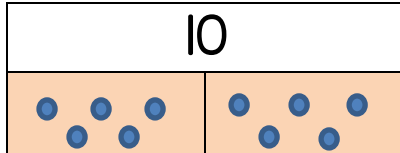
The bottom shows us how many parts to share the whole into (2)

The dots shows us how many in each part.

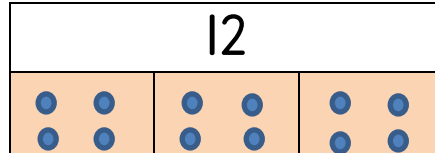


$$8 \div 2 = 4$$

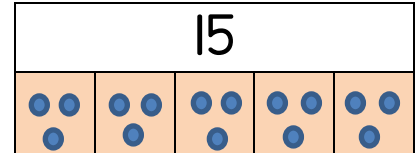
What division number sentence is represented in these bar models?



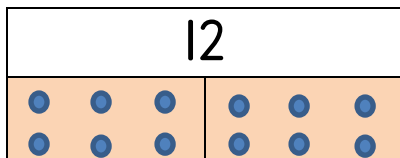
$$10 \div 2 = \underline{\quad}$$



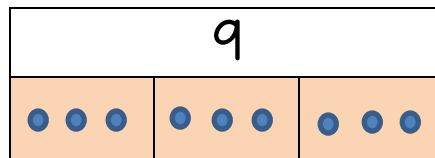
$$12 \div \underline{\quad} = 4$$



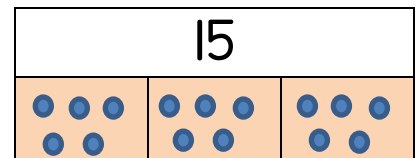
$$\underline{\quad} \div 5 = 3$$



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

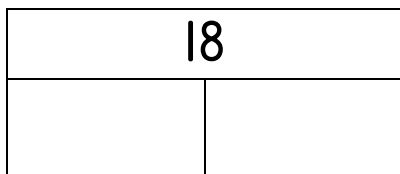


$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

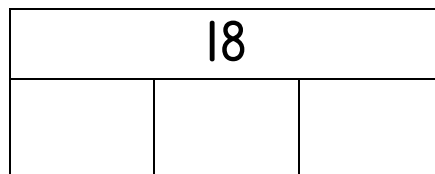


$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

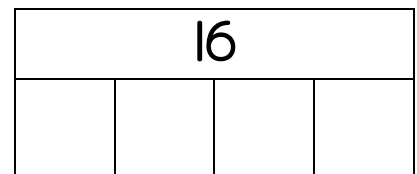
Can you work out the answers to these division number sentences by sharing?



$$18 \div 2 = \underline{\quad}$$



$$18 \div 3 = \underline{\quad}$$



$$16 \div 4 = \underline{\quad}$$

Write the number sentence for these word problems and work out the answers.

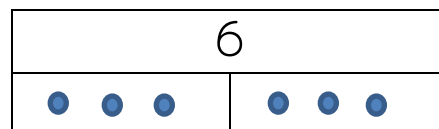
You may want to draw your own bar models to help you if you need to.

a) Mohamed has £20 and shares it between his 4 friends. How much does each person get?

b) Yasmin had £22 pounds and shares it between her and her sister. How much do they each get?

Abdul says the bar model shows this division number sentence:

$$6 \div 3 = 3$$



What mistake has he made? His mistake is...