

Division Reasoning Chilli Challenges!

Please note these sheets do not need to be printed off. You can write them out on paper or simply show your child on a screen. They need to show their working out on another bit of paper.

Mild

I have 16 sweets. I share them between my 2 friends. How many will they each have?



There are 10 cars in a car park.

Half of them are white. How many of them are white?

Write 2 division sentences for the following array.



$$\boxed{} \div \boxed{} = \boxed{}$$

$$\boxed{} \div \boxed{} = \boxed{}$$

Harry has 14 sweets and shares them between his mum and dad. How many sweets do they get each? Show your working.

Marley has 15 toy cars and shares them equally between 5 of his friends. How many does each friend get?

Miss Sands has 20 pens. She shared them equally between 10 children. How many pens do they get each? Show your working.

Medium

Write 2 division sentences for the following array.

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$$\boxed{} \div \boxed{} = \boxed{}$$



How many sets of 5 one penny coins can be made from 25 coins?



I have 42 sweets and I share them between my 2 friends. How many will they each have?



There are ²⁴ cars in a car park.

Half of them are white. How many of them are white?

Mrs Nash thinks that she can share 34 marbles out equally between 2 children. Is she correct? Show your working.

Jack brings in 5 packs of stickers. There are 45 stickers in total. How many stickers are in each pack?

Nelly has 60 cupcakes and she wants to share them equally between 10 classes. How many cupcakes will each class get?

Spicy

There are 110 children in Key Stage 1. The teachers organise the children into football teams of 11 players. How many teams will there be?



There are 48 cars in a car park.

Half of them are white. How many of them are white?

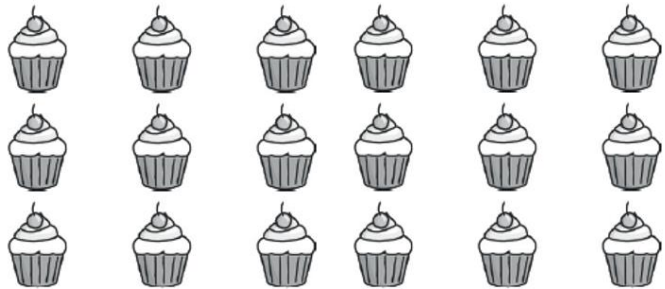
I have 36 sweets. I share them between my 2 friends. How many will they each have?



Write 2 division sentences for the following array.

$$\boxed{} \div \boxed{} = \boxed{}$$

$$\boxed{} \div \boxed{} = \boxed{}$$



Mrs Brown is going to share 30 cherries equally between 10 children. She thinks they will get 4 each.

Mrs Roxburgh is also going to share 30 cherries equally between 10 children. She thinks they will get 3 each.

Who is correct and why? Show your working and write a sentence to reason your understanding.

James brings in 3 packs of stickers. There are 27 stickers in total. How many stickers are in each pack?

Joey has half of 24. Lillie has half of 44 and Tom has half of what Lillie has.

Who has the most?