

Solve one-step problems involving multiplication and division

Solving word problems - Division

Task 4

There are 10 sheep.
The sheep are put in pens.
2 sheep go into each pen.
How many pens are needed?

Mrs Brown has 12 carrots.
She shares them equally between the 3 horses.
How many carrots does each horse get?



Flo and Astrid are here to help you!

Share

I will put the sheep into groups of 2.

a)

A diagram showing 10 sheep arranged in two rows of five. Each pair of sheep is enclosed in a circle. Below the sheep, a number line from 0 to 10 is shown with blue curved arrows indicating jumps of 2 units: from 0 to 2, 2 to 4, 4 to 6, 6 to 8, and 8 to 10.

There are 5 groups of 2 sheep.

A diagram showing five pens, each containing two sheep.

5 pens are needed for the sheep.

b)

I can share the carrots out equally between the 3 horses.

A diagram showing 12 carrots arranged in two rows of six. Each group of three carrots is enclosed in an oval. Below the carrots, three horse heads are shown, each with a group of four carrots below it.

Each horse gets 4 carrots.


Your Turn to have a go!

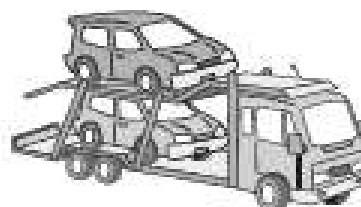
Should Do

Solving word problems – division

- 1 Leo has 10 toy cars.

How many  can he fill?

Leo can fill .

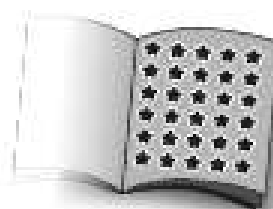


- 2 Jade collects stickers to go in this sticker book.

Jade won 25 stickers.

How many rows does she fill in her book?

Jade fills rows.



- 3

Eva



Toby



Toby shares his  between 4 shelves.


Eva shares her  between 3 shelves.

Who has more  on each shelf?


_____ has more  on each shelf.

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Can Do

- 4 There are 14  . 

They need sorting into 2 bags.

How many  are there in each bag?

I think I should
put them into
groups of 2.



Toby

I think I should
share them
into 2 groups.



Eva

Who is correct?

_____ is correct because _____

_____.

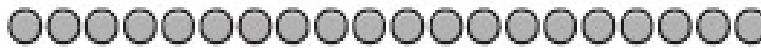
Explain your answer to your partner.

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Could Do

5



CHALLENGE

Share these counters into 5 groups.

Then share each group into 2 groups.



a) How many groups do you end up with?

There are groups.

b) How many counters will be in each group?

There are counters in each group.

Reflect

Which questions make equal groups?

Which questions use equal sharing?

Which question was the hardest?

- Question was the hardest because _____
- _____
- _____