

Thursday 30th April 2020

Good morning Y3s.

Today please go to <https://whiterosemaths.com> and click on home learning and Year 3. If you found the activity difficult yesterday, watch the video again (Week 2, Lesson 3 - Fractions of a set of objects 2) and have another try. Find some objects at home to use instead of counters (like lego blocks or pieces of dried pasta) to help you and draw bar models for every question.

If you managed yesterday's activity you can move on to Week 2 Lesson 4 and find the video called 'Fractions of a set of objects 3'.

Watch the video and then do the activity (I have copied it on the pages below).

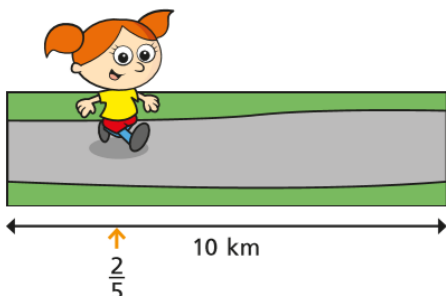
Good luck

Miss Bamber

Fractions of a set of objects (3)

1 In a class of 32 children, three eighths are girls.
How many children are boys?

2 Alex is taking part in a 10 km race.



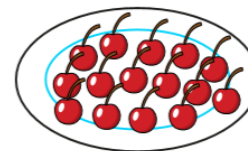
She has run two fifths of the race.
What distance does she have left to run? km

3 Filip has £3 and 20p.



He spends half of his money.
How much does he have left? £ and p

4 Teddy opens a bag of cherries and puts $\frac{1}{2}$ on a plate.



How many cherries were there in the whole bag?

5 Ron has £4 and 50p.
He decides to share the money equally between himself and his two sisters.



How much money will each child get?
£ and p

6 A bag of potatoes weighs 500 g.

Annie's dad uses one quarter of the potatoes to make a shepherd's pie.



What is the mass of the potatoes left in the bag? g

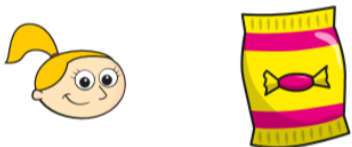
- 7 Dexter spends one third of his money.
He has these coins left.



How much did Dexter spend?

£ and p

- 8 Eva has a bag of 20 sweets.



She eats $\frac{1}{4}$ of the sweets.

She gives $\frac{1}{5}$ of the sweets that are left to Dora and 2 sweets to her mum.

How many sweets does Eva have left?

- 9 Whitney has a box of raisins.

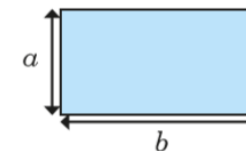
She eats $\frac{1}{4}$ of the raisins and gives 3 to her brother.

She has 9 raisins left.

How many raisins were in the box at the start?



- 10 Here is a rectangle.
The perimeter of the rectangle is less than 30 cm.



Side a is one half of the length of side b .

- a) Complete the table to show the different possible integer lengths of side a and side b .

Length of side a	Length of side b	Perimeter
1 cm	2 cm	6 cm

- b) What are the longest possible integer lengths of side a and b ?

side a _____

side b _____

- c)



I think a can be 5 cm.

Talk to a partner about why Dexter is wrong.