Canonbury Home Learning

Year 5 Maths

Steppingstone activity

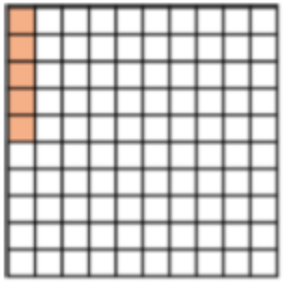
Summer week 2 Lesson 3 – 29.04.20

LO: understanding percentages

Success Criteria:

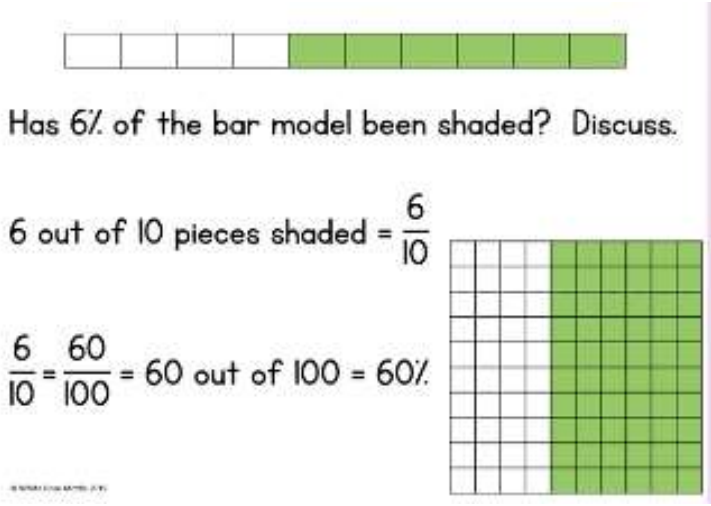
1. Look at the 100 square
2. Decide how many parts of 100 are shaded
3. That is your %

Model



There are 5 parts of 100 shaded.

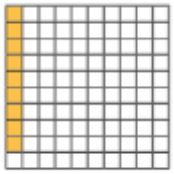
This is 5 %.



Now have a go at this:

Use these Sentences to answer the following questions

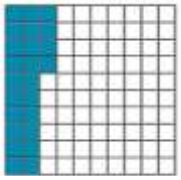
a)



There are 9 parts out of a hundred shaded.

This is 9 %.

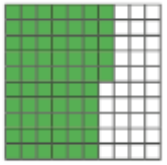
b)



There are 24 parts out of a hundred shaded.

This is 24 %.

c)



There are 65 parts out of a hundred shaded.

This is 65 %.

Canonbury Home Learning

Year 5 Maths

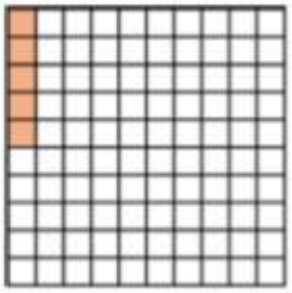
Summer week 2 Lesson 3 – 29.04.20

LO: understanding percentages

Success Criteria:

1. Look at the 100 square or bar model
2. Decide how many parts of 100 are shaded
3. That is your %

Model:



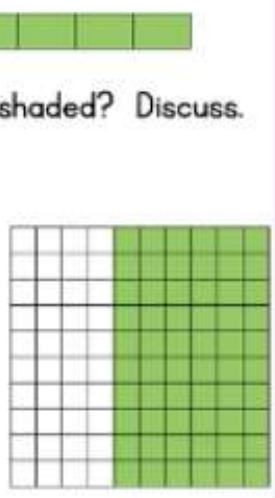
There are 5 parts of 100 shaded.

This is 5 %.

Has 6% of the bar model been shaded? Discuss.

6 out of 10 pieces shaded = $\frac{6}{10}$

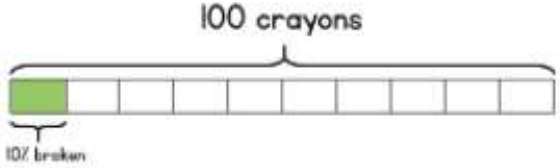
$\frac{6}{10} = \frac{60}{100}$ = 60 out of 100 = 60%



There are 100 crayons in a box.

10% are broken.

How many are broken?



_____ crayons are broken.

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Year 5 Maths

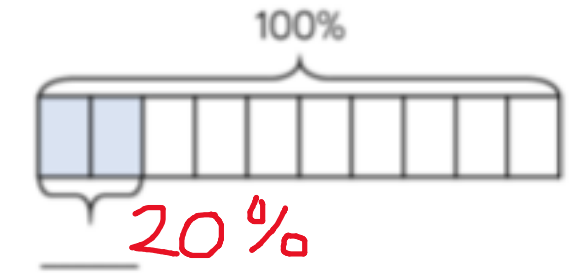
Main activity Week 3 Lesson 1 – 20.04.20

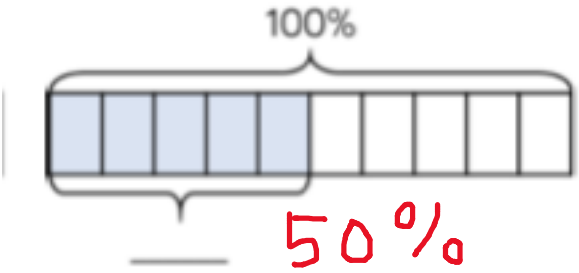
Complete at least 2 columns, more if you can!

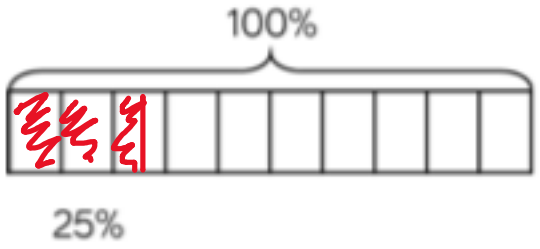
Task 1

Practice

Complete these bar models, what % are shaded?



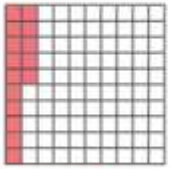
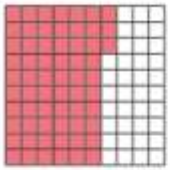
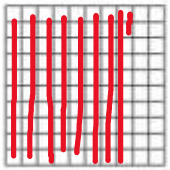




Task 2

Now try these:

Complete the table.

Hundred square	Percentage
	15 %
	63%
	82%

Draw a bar model for these percentages:

1. 30%
2. 80%
3. 50%
4.
5. 20%
6.

Task 3

Have a go at these problems:

Passengers are boarding a plane.

The plane has 100 seats.

a) 10% of the seats are already full.

How many passengers are already on the plane? 10

b) 15% of the seats have not been booked.

How many seats have been booked? 85

c) How many passengers still need to board the plane? 75

Dexter has £1 to spend.

He buys some stickers.

What percentage of his money did Dexter spend?

65 %

Aisha and Brett have been selling tickets for the school play.

There are 100 seats available.

- On Monday they sold 34% of the tickets.
- On Tuesday they sold 42 tickets.
- By the end of Wednesday, 95% of the tickets had been sold.

How many tickets did they sell on Wednesday?

On Wednesday they sold 19 tickets.