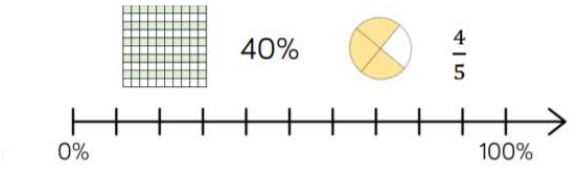
14/01/21- Spicy

LO: To know percentage and decimal equivalents of 1/2, 1/4, 1/5, 2/5, 4/5 and fractions with a denominator of a multiple of 10 or 25.

Draw arrows to show the position of each representation on the number line.



Which is closer to 100%, $\frac{4}{5}$ or 50%? How do you know?

Complete the table.

Decimal	Fraction	Percentage
0.35	$\frac{35}{100}$	35%
0.27		
0.6		
0.06		

Use <, > or = to complete the statements.

0.36 ◯ 40% $\frac{7}{10}$ ◯ 0.07

0.4 ◯ 25% 0.4 ◯ $\frac{1}{4}$

Which of these are equivalent to 60%?

$\frac{60}{100}$ | $\frac{6}{100}$ | 0.06 | $\frac{3}{5}$ | $\frac{3}{50}$ | 0.6

Sort the fractions, decimals and percentages into the correct column.

50%	100%	$\frac{30}{60}$
Seven tenths	60%	0.25
70 hundredths	$\frac{1}{4}$	7%

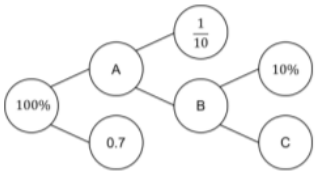
Less than $\frac{1}{2}$	Equal to $\frac{1}{2}$	Greater than $\frac{1}{2}$

Jack has £55

He spends $\frac{3}{5}$ of his money on a coat and 30% on shoes.

How much does he have left?

Complete the part-whole model.
How many different ways can you complete it?



Can you create your own version with different values?

Amir says 0.3 is less than 12% because 3 is less than 12

Explain why Amir is wrong.

Tommy is playing a maths game.
Here are his scores at three different levels.

Level A – 440 points out of 550

Level B – 210 points out of 300

Level C – 45 points out of 90

At which level did he have a higher success rate?

How does converting a decimal to a fraction help us to convert it to a percentage?

How do you convert a percentage to a decimal?