Mathematics

Finding a percent of a quantity - problem solving

Mr Kelsall

New learning: practice

Find the percentages of £400

50%:
    25%:
    75%:
10%:
    20%:
    30%:

What other percentages can you find?

New learning: practice

There are 160 pupils at Wood Lane Primary School.
75% of pupils walk to school.
How many ways can you solve this question?

New learning: practice

Use this information to decide who did better in the penalty shootout

| Mustafa scored 4 out of 10 shots | Bilal scored 6 out of 20 shots |

They each took 5 more shots. Who did better now?

| Mustafa scored two more goals | Bilal scored four more goals |

Develop learning: practice

Olivia and Marta are playing basketball.
Olivia scored 18 out of 24 and Marta scored 18 out of 30.
Are they equal?
Who has a better percent?
What are these as fractions?

Olivia

1st set	2nd set	3rd set	4th set
5	3	4	6

Marta

1st set	2nd set	3rd set	4th set	5th set
4	2	4	3	5

Independent practice

Would you say.....?

$\frac{1}{2}$ of 120 is equal to 60

$\frac{1}{2} \times 120$ is equal to 60

$\frac{50}{100}$ of 120 is equal to 60

$\frac{50}{100} \times 120$ is equal to 60

50% of 120 is equal to 60

50% × 120 is equal to 60

Source of all images : Mr Kelsall or Oak National Academy