

26.01.22

WALT: Find a percentage of an amount (2)

Fluency

2



To find 5% you can find 10% and then halve it.

Use Dora's method to work out the calculations.

- a) 5% of 40
- b) 5% of 400
- c) 5% of 4,000
- d) 5% of 2,000
- e) 5% of 6,000

What do you notice about your answers?

Varied Fluency

3

Some children are asked to find 75% of 340



I will find 25% and multiply it by 3

- a) Use Dexter's method to find 75% of 340



I will find 10% and multiply it by 7, then find 5% and add them together.

- b) Use Alex's method to find 75% of 340



I will find 25% and 50% and add them together.

- c) Use Amir's method to find 75% of 340

Reasoning

5

Ron is calculating these percentages.

10% of 20

20% of 10



20% is double 10%, and 10 is half of 20, so I know these will both have the same answer.

How does Ron know this?

Problem Solving

6

- a) Work out the calculations.

20% of 40

25% of 60

40% of 20

60% of 25

- b) What do you notice about the answers?
- c) Does this always happen? Investigate with other examples.
- d) Talk about your findings with a partner.