Tuesday Maths

LO: to identify missing percentages

I do



Millie is unsure of how to work out the following question:

224 is what percentage of 640?

Can you help her find the answer and give her some advice about how to approach the question?

Tuesday Maths

LO: to identify missing percentages

we do



Jerry was given the following question. It read:

128.92 is 22% of what number?

Jerry got the answer 5.86. Do you agree? If not why do you think Jerry gained an incorrect answer?

LO: to identify missing percentages

I do

300 people fill in an online survey.

80% of people reported exercising regularly each week.

Of those people, 65% ran and 35% exercise in a gym.

How many people run?
How many people exercise in a gym?

80% of 300 = 240 people who exercise regularly.
156 people run (65% of 240).
84 people exercise in a gym (35% of 240).

LO: to identify missing percentages

I do

What could the missing values be? Find 2 possible solutions.

B.

	? % of	
A. 32% of	?	= ?
	= 18	

LO: to identify missing percentages

I do

What could the missing values be? Find 2 possible solutions.

Various answers, for example:

A.

	B.	
	10% of	
32% of	180	= 57.6
	= 18	

A.

	B.	
	20% of	
32% of	90	= 28.8
	= 18	

LO: to identify missing percentages

you do



Millie is unsure of how to work out the following question:

224 is what percentage of 640?

Can you help her find the answer and give her some advice about how to approach the question?

Complete in books



Jerry was given the following question. It read:

128.92 is 22% of what number?

Jerry got the answer 5.86. Do you agree? If not why do you think Jerry gained an incorrect answer?

What could the missing values be?

Find 2 possible solutions.

B.

	? % of	
62.5 % of	?	= ?
	= 12	

A.

A school have planned a trip for Year 7. There are 200 children in Year 7.

92% of the children are going.

75% of the children on the trip take part in an obstacle course; 50% of those children complete the course.

How many children went on the course?
How many completed it?
What percentage of children in Year 7 completed the obstacle course?

LO: to identify missing percentages

I do

Alan the Alien is thinking of a number.

He says,





40% of the whole is less than 60.

If you find 52% of the whole, it's greater than 40 but less than 100.

12.5% of the whole will result in an even number with no decimal places.

Using Alan's clues, explore the different possible numbers he could be thinking of.

Attachments

Factor Bugs.pptx