

Thursday (easy) – LO: to calculate percentage increases and decreases.

Varied fluency

Reasoning and problem solving

1a. Increase the following numbers by 10%.

A) 120

B) 80



C) 150

★

VF

2a. Mo is reducing the prices of items in his shop by 50%.

Calculate the new prices.

 £22.50  £18  £12.50

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VF

3a. Isaac scored 30 in his karate test.

He made himself a target of scoring 50% more in his next test.


What does his score need to be to hit his target?

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4a. True or false?

A 10% decrease in price from £20 means there is £2 off.



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VF

1a. Felix is selling his car.

The car has decreased in value by 25% since he bought it.

He paid £200.


He has worked out that the car is now worth £125.


Is Felix correct? Explain your answer.

★

R

2a. Two children were asked to explain their method for calculating a 50% increase:

 I find 10% and multiply it by five. I then add this to my original number.

 I divide my number by two and then add it to the original number.

Who has the most efficient method? Explain your answer.

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R

3a. Jess is buying a football kit.

There is 10% off for today only.

Jess calculates that 10% of the cost of the football kit is £5.50.

What is the original price of the football kit?

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PS