

- 1 Jenny is asked to find the value of $12 - 2 \times 4$

Here is her working.

$$12 - 2 \times 4 = 10 \times 4 = 40$$

Jenny's answer is wrong.

- (a) Explain what Jenny has done wrong.

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(1)

Rehan is asked to find the range of the numbers 3 1 8 7 5

Here is his working.

$$\text{Range} = 5 - 3 = 2$$

This is wrong.

- (b) Explain why.

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(1)

- 2 (a) Work out $3 \times 5 + 7$

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(1)

- (b) Work out 2^3

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(1)

- (c) Write brackets () in this statement to make it correct.

$$7 \times 2 + 3 = 35$$

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(1)

3 Alec needs to work out the value of $2 + 3 \times 4$

He writes

$$2 + 3 = 5 \text{ and } 5 \times 4 = 20, \text{ so } 2 + 3 \times 4 = 20$$

Alec is wrong.
Explain why.

(1)