

1. Ffion says that the value of 9^2 is 18

Is Ffion right?

You must give a reason for your answer.

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2. (a) Here are four possible ways to write 4^3

(i) $4 \times 4 \times 4$ (ii) $3 \times 3 \times 3 \times 3$ (iii) $4 + 4 + 4 + 4$ (iv) $3 + 3 + 3$

Circle the correct one.

- (b) Sameer says $2^5 = 32$ because $2^5 = 2 \times 2 \times 2 \times 2 \times 2$

Is Sameer correct?

You must give a reason for your answer.

- (c) Sameer says $2^5 = 10$

Is Sameer correct?

You must give a reason for your answer.

3. (a) Work out $17 - (7 + 6)$

(b) Work out $18 \div (7 + 2)$

4. (a) Work out $12 - 6 \div 3$

(b) Work out $15 + 3 \times 2$