



THIRD SPACE
LEARNING

GCSE Exam Questions

BIDMAS | Number

GCSE Exam Questions: BIDMAS

- 1) (a) Work out $8 + 3 \times 5$

(1)

- (b) Work out $10^2 - 12 \div 3$

(3)
(4 marks)

- 2) Write brackets () in this statement to make each statement correct.
You may use more than one pair of brackets in each statement.

- (a) $7 + 2 \times 4 = 36$

(1)

- (b) $6 \times 8 \div 2 + 4 = 8$

(1)
(2 marks)

GCSE Exam Questions: BIDMAS

3) Here is a calculation: $15 + 4 \times 3^2$

Ahmed calculates the answer to be 159.

Is Ahmed correct? Explain.

(2 marks)

4) Work out: $\frac{10 + 5^2}{0.5 \times 14}$

(2 marks)

GCSE Exam Questions: BIDMAS Answers

	Question	Answer	Marks
1) (a)	Work out $8 + 3 \times 5$	(a) 23	(1)
(b)	Work out $10^2 - 12 \div 3$	(b) $100 - 12 \div 3$ $100 - 4$ 96	(1) (1) (1)
2) (a)	Write brackets () in this statement to make each statement correct. You may use more than one pair of brackets in each statement. $7 + 2 \times 4 = 36$	(a) $(7 + 2) \times 4 = 36$	(1)
(b)	$6 \times 8 \div 2 + 4 = 8$	(b) $(6 \times 8) \div (2 + 4) = 8$ or $6 \times 8 \div (2 + 4) = 8$	(1)
3)	Here is a calculation. $15 + 4 \times 3^2$ Ahmed calculates the answer to be 159. Is Ahmed correct? Explain your reasons.	Ahmed is wrong. He has done 4×3 before calculating the power oe or $15 + 4 \times 9 = 51$	(1) (1)
4)	Work out: $\frac{10 + 5^2}{0.5 \times 14}$	$\frac{35}{7}$ 5	(1) (1)

Where to go next?

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