

BIDMAS (Order of Operations) Exam Practice



Performing Calculations

1. Calculate $3 \times 5 - 4$
(1 mark)
2. Evaluate $3 + 4 \times 8$
(1 mark)
3. Determine the value of $8 - 3 \times 3$
(1 mark)
4. Calculate $15 + 3 \times 7$
(1 mark)
5. Evaluate $4 \times 7 - 8 \times 2$
(1 mark)
6. Determine the value of $6 + (2 + 7)^2 \div 3$
(1 mark)
7. Calculate $24 \div 3 + 8 \times 10$
(1 mark)
8. Calculate $\frac{5 \times 8 \div 2 + 8}{7}$
(1 mark)
9. Calculate $-8 - 3 \times 5$
(1 mark)
10. Calculate $(10 - 4) \times (5 - 9)$
(1 mark)
11. Calculate $4 + 4 \times 4 - 4 \div 4 - 4 \times 4$
(1 mark)
12. Calculate $8 \times \frac{20 \div 5 + 3}{2 \times 10 - 6}$ showing full working.
(1 mark)



Writing Brackets to Form a Correct Expression

Write brackets () in each of the statements below to make each one correct.

You may use more than one pair of brackets in each statement.

(i) $4 \times 5 + 3 = 32$

(1 mark)

(ii) $28 - 12 \div 4 = 4$

(1 mark)

(iii) $3 + 4 \times 9 - 4 = 23$

(1 mark)

(iv) $36 \div 12 \div 3 \times 2 = 18$

(1 mark)

(v) $52 - 3 \times 6 - 2 - 5 \times 3 = 25$

(1 mark)

(vi) $10 + (5 - 2)^3 \div 9 \div 3 \times 5 = 55$

(1 mark)

(vii) $-1 + 3^{18-5 \times 3} = 26$

(1 mark)

(viii) $8 + 4 \div 4 \times 2 = 2 + 1 \times 6$

(2 marks)