

Negative Numbers and Order of Operations

GCSE Mathematics • **Foundation Tier** • Grades 1–3 • Non-calculator

Name:

Class:

Total: / 38

Show all your working. Marks are given for correct method as well as the final answer.

1. Work out $-6 + 10$.

[1 mark]

Answer:

2. Work out $4 - 9$.

[1 mark]

Answer:

3. Work out $-3 - 8$.

[1 mark]

Answer:

4. Work out $5 - (-4)$.

[2 marks]

Answer:

5. Work out $-7 + (-2)$.

[2 marks]

Answer:

6. Work out -4×6 .

[1 mark]

Answer:

7. Work out $-5 \times (-3)$. [2 marks]

Answer:

8. Work out $-20 \div 4$. [1 mark]

Answer:

9. Work out $(-3)^2$. [2 marks]

Answer:

10. Work out -3^2 . [2 marks]

Answer:

11. Work out $4 + 3 \times 5$. [2 marks]

Answer:

12. Work out $(4 + 3) \times 5$. [2 marks]

Answer:

13. Work out $20 - 6 \div 2$. [2 marks]

Answer:

14. Work out $2 + 3^2 \times 2$. [2 marks]

Answer:

15. Work out $5 \times (8 - 2)^2$. [3 marks]

Answer:

16. Work out $\frac{12 + 8}{5 - 1}$. [2 marks]

Answer:

17. Work out $6 + 2 \times (-4)$. [2 marks]

Answer:

18. At midnight the temperature was -6°C . By noon it had risen by 11°C . Work out the temperature at noon. [2 marks]

Answer:

19. Priya's bank balance is £35. She pays a bill of £52. Work out her new balance. [2 marks]

Answer:

20. The temperatures in four cities were -3 , 5 , -8 and 0°C .

- (a) Write them in order, coldest first. [2 marks]

- (b) Work out the difference between the highest and lowest. [2 marks]

Answer: