GCSE Maths

Numbers

Negative Numbers

Name:
Date:

Materials

You can use a calculator for these questions

Tips

Show how you worked out the answer if you can.

Simple Questions

1.   Calculate: -3 + (-5)

       Answer _____ **[1 mark]**

2.   Calculate: -7 - (-4)

       Answer _____ **[1 mark]**

3.   Calculate: -6 × 3

       Answer _____ **[1 mark]**

4.   Calculate: -20 ÷ 5

       Answer _____ **[1 mark]**

5.   Calculate: 12 − 15

       Answer _____ **[1 mark]**

Medium Questions

6.   Calculate: -8 + 3 - (-2)

      Answer _____ **[2 mark]**

7.   Calculate: 4 - (-3) × 2

      Answer _____ **[2 mark]**

8.   Calculate: (-10 × -4) ÷ -5

      Answer _____ **[2 mark]**

9.   The temperature in a freezer is -5°C. It drops by 7°C overnight. What is the new temperature?

      Answer _____ **[2 mark]**

10.   Calculate: (-9 + 6) × (-2) ÷ 3

      Answer _____ **[2 mark]**

Difficult Questions

11. Calculate: $(-2)^3$

     Answer _____

12. Calculate: $(-18 \div 6) + (4 \div -2)$

     Answer _____
     [3 mark]

13. A city has a temperature of -2°C in the morning. By noon, the temperature increases by 6°C, but in the evening, it drops 9°C. What is the evening temperature?

     Answer _____
     [3 mark]

14. Calculate: $[(-3)^2 - (-4 \times 2)] \div -2$

     Answer _____
     [3 mark]

15. Calculate: $(-5 + 2)^2 - 4 \times (-3 + 1) \div 2$

     Answer _____
     [3 mark]