

1 Work out $5 - 9$

(1 mark)

2 Work out $-7 + 4$

(1 mark)

3 Work out $-8 - 10$

(1 mark)

4 Work out $-2 + -11$

(1 mark)

5 Work out $7 - -9$

(1 mark)

6 Work out $-5 - -12$

(1 mark)

7 Work out $-5 + 8$

(1 mark)

8 Work out $16 - -4$

(1 mark)

9 Here are four numbers.

-5 -4 4 5

Write one of these numbers in each box to make a correct calculation.

$$\square + \square = -9$$

(1 mark)

10 Here are four numbers.

-7 -2 2 7

Write one of these numbers in each box to make a correct calculation.

$$\square + \square = -5$$

(1 mark)

11 Here are four numbers.

-8 -2 2 8

Write one of these numbers in each box to make a correct calculation.

$$\square - \square = -10$$

(1 mark)

12 Here are four numbers.

-9 -3 3 9

Write one of these numbers in each box to make a correct calculation.

$$\square - \square = 12$$

(1 mark)

13 Work out 5×-4

(1 mark)

14 Work out -7×3

(1 mark)

15 Work out -2×-6

(1 mark)

16 Work out -4×9

(1 mark)

17 Work out $-32 \div 4$

(1 mark)

18 Work out $-25 \div 5$

(1 mark)

19 Work out $-42 \div -7$

(1 mark)

20 Work out $-2 \times 4 \times -9$

(1 mark)

21 $4 \times \square = -12$

Work out the missing number that would make the calculation correct.

(1 mark)

22 $-10 \times \square = -20$

Work out the missing number that would make the calculation correct.

(1 mark)

23 $-6 \times \square = 24$

Work out the missing number that would make the calculation correct.

(1 mark)

24 $\square \times 8 = -16$

Work out the missing number that would make the calculation correct.

(1 mark)

25 $\square \div -2 = 9$

Work out the missing number that would make the calculation correct.

(1 mark)

26 $27 \div \square = -9$

Work out the missing number that would make the calculation correct.

(1 mark)

27 Here is a number sequence.

11 6 1

Find the missing numbers to continue the sequence.

(2 marks)

28 Here is a number sequence.

-20 -12 -4

Find the missing numbers to continue the sequence.

(2 marks)

29 Here is a number sequence.

-11 -3 1

Find the missing numbers to complete the sequence.

(2 marks)

30 Here is a number sequence.

25 10 -35

Find the missing numbers to complete the sequence.

(2 marks)

31 The temperature in Glasgow one day was -4°C
The next day the temperature was 3°C lower.

Work out the new temperature.

(1 mark)

32 The temperature in London at midnight was -3°C
By 11 am, the temperature had risen by 5°C .

Work out the temperature at 11 am.

(1 mark)

33 The temperature in Leeming at midnight was -2°C
The temperature in Leeming at midday was 8°C

Work out the difference between the temperature in Leeming at midnight and midday.

(1 mark)

34 The table shows the temperature in four cities on a day in January.

City	Temperature
London	3°C
New York	-2°C
Tokyo	5°C
Oslo	-4°C

(a) Write down the name of the city with the lowest temperature.

(b) Work out the difference between the temperature in New York and the temperature in Tokyo.

The next day the temperature in New York increased by 3°C .

(c) Work out the new temperature in New York.

(3 marks)

- 35 The table shows the temperature at midnight and midday on January 2nd 2020 in four cities.

City	Midnight Temperature	Midday Temperature
Murmansk	-9 °C	-6 °C
Budapest	-3 °C	4 °C
Paris	4 °C	8 °C
Prague	-4 °C	1 °C

- (a) Write down the name of the city with the lowest midnight temperature.
- (b) Which city had the greatest rise in temperature from midnight to midday?
- (c) At midnight, how many degrees colder was Murmansk than Paris?

(3 marks)

- 36 The table shows the temperature at midnight on 1 December 2019 in four cities.

City	Temperature
Helsinki	-6 °C
Berlin	3 °C
Utrecht	-2 °C
Rome	7 °C

- (a) Write down the name of the city with the lowest temperature.
- (b) Work out the difference between the temperature in Utrecht and Rome.

(2 marks)