

Name:

Exam Style Questions

Negatives: addition, subtraction,
multiplication and division



Equipment needed: Calculator, pen

Guidance

1. Read each question carefully before you begin answering it.
2. Check your answers seem right.
3. Always show your workings

Video Tutorial

www.corbettmaths.com/contents

Videos 205, 206, 207



Answers and Video Solutions



1. Write down the number that is 3 **less** than 2



.....
(1)

2. Write down the number that is



(a) 4 less than 1

.....
(1)

(b) 2 more than -8

.....
(1)

3. Circle the number than is 5 less than -9



14 4 -4 -14

(1)

4. Circle the answer to $6 - 8$



-14 -2 2 14

(1)

5. Write down the answer to



(a) $3 - 7$

.....
(1)

(b) $-4 - 5$

.....
(1)

6. Work out $-8 + 3$



.....
(1)

7. In February, the highest temperature in Ballycastle was 11°C



In February, the lowest temperature in Ballycastle was 20°C lower than the highest temperature.

Work out the lowest temperature in Ballycastle in February.

..... $^{\circ}\text{C}$
(2)

8. Daisy's bank account balance is $-\pounds 14$



Daisy deposits $\pounds 35$ into the bank account.

Work out Daisy's new bank account balance.

.....
(2)

9. Write down the number that is



(a) -2 multiplied by 7

.....
(1)

(b) -8 multiplied by -3

.....
(1)

(c) -10 divided by 5

.....
(1)

(d) -12 divided by -2

.....
(1)

10. Circle the answer to -4×-4



-16 -8 8 16

(1)

11. Write down the answer to



(a) -2×-7

.....
(1)

(b) $21 \div -7$

.....
(1)

(c) $-100 \div -4$

.....
(1)

12. Work out



(a) $(-54) \div (-9)$

.....
(1)

(b) $8 \times (-4)$

.....
(1)

13. Work out



(a) $(-3) \times 12$

.....
(1)

(b) $(-6) \times (-7)$

.....
(1)

14. Circle the answer to $12 + (-3)$



15

9

-9

-15

.....
(1)

15. Work out each of the following



(a) $7 - (-4)$

.....
(1)

(b) $-2 + (-3)$

.....
(1)

(c) $-6 - (-8)$

.....
(1)

16. Work out $10 - (-2)$



.....
(1)

17. Work out $(-12) + (-7)$



.....
(1)

18. Work out



(a) 3×-13

.....
(1)

(b) $-48 \div -8$

.....
(1)

19. Complete the following.



(a) $20 \div \square = -4$

(1)

(b) $-7 - \square = -10$

(1)

(c) $5 + \square = 0$

(1)

(d) $-6 \times \square = 36$

(1)

20. Work out each of the following



(a) $5 - 8 + 1$

.....
(1)

(b) $7 - 9 - 2$

.....
(1)

(c) $-10 + 3 + 13$

.....
(1)

21. Emily has the following cards



-1 -4 2 -6 4 5

Emily is going to choose two cards and multiply the numbers on them.
What cards should Emily choose to make the largest possible answer?

$\square \times \square$

(1)

22. Fill in the missing numbers



(a)

$\square + 2 = -1$

(1)

(b)

$8 + \square = 0$

(1)

(c)

$-8 - \square = 3$

(1)

23. Fill in the missing numbers



(a)

$$\boxed{2} \times \boxed{} = \boxed{-16}$$

(1)

(b)

$$\boxed{-1} \times \boxed{} = \boxed{2}$$

(1)

(c)

$$\boxed{} \times \boxed{-7} = \boxed{42}$$

(1)

(d)

$$\boxed{} \div \boxed{3} = \boxed{-15}$$

(1)

24. Work out



(a)

$$(-3)^2$$

.....
(1)

(b)

$$(-2)^3$$

.....
(1)

25. Aminah thinks of a number.
She adds 20 to her number.
The result is negative.



Write down a possible number that Aminah could have started with.

.....
(1)

26. Dan wants to calculate the square of -25 .
His calculator display is shown below.



The image shows a calculator display with a light blue background. On the left side, the expression -25^2 is displayed. On the right side, the result -625 is displayed.

Explain Dan's mistake.

.....
.....
.....
(1)