

Name: _____

Exam Style Questions

Negatives: addition, subtraction,
multiplication and division



Corbettmaths

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
.....
(1)

2. Write down the number that is



(a) 4 less than 1

-3
.....
(1)

(b) 2 more than -8

-6
.....
(1)

3. Circle the number that 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) $3 - 7$

$$\begin{array}{r} -4 \\ \hline \end{array} \quad (1)$$

(b) $-4 - 5$

$$\begin{array}{r} -9 \\ \hline \end{array} \quad (1)$$

6. Work out $-8 + 3$



$$\begin{array}{r} -5 \\ \hline \end{array} \quad (1)$$

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.

$$11 - 20 = -9$$

$$\begin{array}{r} -9 \\ \hline \end{array} \quad ^{\circ}\text{C} \quad (2)$$

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.

$$-14 + 35 = 21$$

$$\begin{array}{r} \pounds 21 \\ \hline \end{array} \quad (2)$$

9. Write down the number that is



(a) -2 multiplied by 7

$$\begin{array}{r} -14 \\ \hline \end{array} \quad (1)$$

(b) -8 multiplied by -3

$$\begin{array}{r} 24 \\ \hline \end{array} \quad (1)$$

(c) -10 divided by 5

$$\begin{array}{r} -2 \\ \hline \end{array} \quad (1)$$

(d) -12 divided by -2

$$\begin{array}{r} 6 \\ \hline \end{array} \quad (1)$$

10. Circle the answer to -4×-4



-16

-8

8

16

(1)

11. Write down the answer to



(a) -2×-7

14

(1)

(b) $21 \div -7$

-3

(1)

(c) $-100 \div -4$

25

(1)

12. Work out



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

6

(1)

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

-32

(1)

13. Work out



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

-36

(1)

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

42

(1)

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



15

9

-9

-15

(1)

15. Work out each of the following



(a) $7 - (-4)$

11

(1)

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

-5

(1)

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

2

(1)

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



$$\begin{array}{r} 12 \\ \hline \end{array} \quad (1)$$

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



$$\begin{array}{r} -19 \\ \hline \end{array} \quad (1)$$

18. Work out



(a) 3×-13

$$\begin{array}{r} -39 \\ \hline \end{array} \quad (1)$$

(b) $-48 \div -8$

$$\begin{array}{r} 6 \\ \hline \end{array} \quad (1)$$

19. Complete the following.



(a) $20 \div \boxed{-5} = -4$

(b) $-7 - \boxed{3} = -10$

(c) $5 + \boxed{-5} = 0$

(d) $-6 \times \boxed{-6} = 36$

(1)

(1)

(1)

(1)

20. Work out each of the following



(a) $5 - 8 + 1$

$$\begin{array}{r} -2 \\ \hline \end{array}$$

(1)

(b) $7 - 9 - 2$

$$\begin{array}{r} -4 \\ \hline \end{array}$$

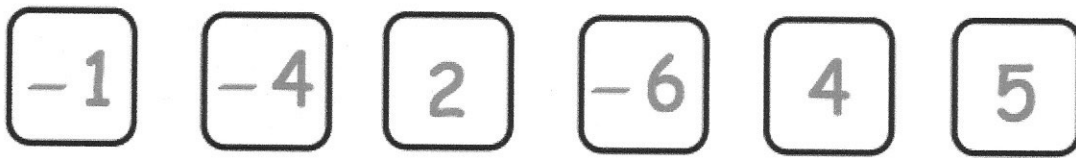
(1)

(c) $-10 + 3 + 13$

$$\begin{array}{r} 6 \\ \hline \end{array}$$

(1)

21. Emily has the following cards



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

$$\boxed{-6} \times \boxed{-4}$$

(1)

22. Fill in the missing numbers



(a)

$$\boxed{-3} + \boxed{2} = \boxed{-1}$$

(1)

(b)

$$\boxed{8} + \boxed{-8} = \boxed{0}$$

(1)

(c)

$$\boxed{-8} - \boxed{-11} = \boxed{3}$$

(1)

23. Fill in the missing numbers



(a)

$$\boxed{2} \times \boxed{-8} = \boxed{-16}$$

(1)

(b)

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

(1)

(c)

$$\boxed{-6} \times \boxed{-7} = \boxed{42}$$

(1)

(d)

$$\boxed{-45} \div \boxed{3} = \boxed{-15}$$

(1)

24. Work out



(a)

$$(-3)^2 \quad (-3) \times (-3)$$

$$\begin{array}{r} 9 \\ \hline \end{array} \quad (1)$$

(b)

$$(-2)^3 \quad (-2) \times (-2) \times (-2)$$
$$4 \times (-2)$$

$$\begin{array}{r} -8 \\ \hline \end{array} \quad (1)$$

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.

$$-100 + 20 = -80$$

-100

(1)

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



-25^2

-625

Explain Dan's mistake.

Dan should have included brackets.

e.g. $(-25)^2 = 625$

(1)