

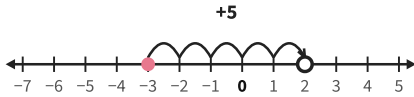
Adding and Subtracting with Negative Numbers

ANSWERS

1

Work out $-3 + 5$

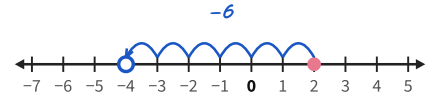
Start at -3 . Adding 5 means 5 jumps to the **right**. You land on 2.



Answer 2

2

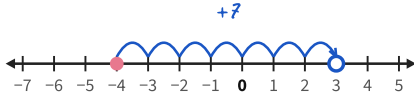
Work out $2 - 6$



Answer -4

3

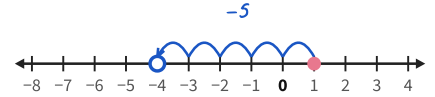
Work out $-4 + 7$



Answer 3

4

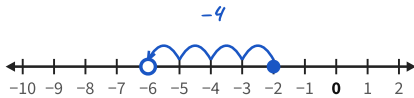
Work out $1 - 5$



Answer -4

5

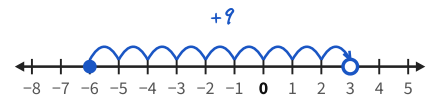
Work out $-2 - 4$



Answer -6

6

Work out $-6 + 9$



Answer 3

7

The temperature is -5°C . It rises by 8°C . What is the temperature now?

$-5 + 8$

3°C

Answer _____

8

Find the missing number. $? - 6 = -2$

$-2 + 6$

4

Answer _____

Adding and Subtracting with Negative Numbers *further practice*

ANSWERS

9

Work out

$$-7 + 4$$

start at -7 , move 4 right

Answer -3

10

Work out

$$-12 - 9$$

start at -12 , move 9 left

Answer -21

11

Find the missing number.

$$3 - \boxed{8} = -5$$

from 3 down to -5 is 8 steps

Answer _____

12

At midnight it is 9°C in Rome, 3°C in Leeds, -7°C in Oslo and -12°C in Moscow. What is the difference between the warmest and the coldest of these temperatures?

from -12 up to 0 is 12, then 9 more

Answer 21°C

13

Ali has $\pounds 15$ in his bank account. He pays for a $\pounds 40$ coat from the account. What is his balance now? Write it as a negative number.

$15 - 40$

Answer $-\pounds 25$

14

In a building, the ground floor is floor 0 and the floors below ground have negative numbers. A lift starts on floor 3. It goes down 5 floors, then up 2 floors, then down 6 floors. Which floor is it on now?

$3 - 5 = -2$, $-2 + 2 = 0$, $0 - 6$

Answer floor -6

15

A sequence starts at 7 and goes down by 3 each time.

7, 4, 1, -2, ...

What is the first number in the sequence that is less than -10 ?

$-2, -5, -8, -11$

Answer -11

16

Jo says $-8 + 5 = -13$ because $8 + 5 = 13$. Is Jo right? Explain.

start at -8 and move 5 to the right

Answer No, $-8 + 5 = -3$