

Max's Negative Number Challenge

Learning objective: To understand, order, and calculate with negative numbers in context, including temperature and money.

Use these flashcards to test your knowledge of negative numbers. Max the monkey has provided these puzzles to help you master the number line!

What is a negative number?

A number that is less than zero, written with a minus sign (e.g., -5).

If the temperature is 3°C and it drops by 5 degrees, what is the new temperature?

-2°C

Which is colder: -10°C or -2°C?

-10°C is colder because it is further away from zero on the number line.

What is the difference between -4 and 2?

6 (The distance from -4 to 0 is 4, and 0 to 2 is 2; $4 + 2 = 6$).

If your bank account has £5 and you spend £8, what is your new balance?

-£3

Order these numbers from smallest to largest: -5, 2, -1, 0, 4.

-5, -1, 0, 2, 4.

What do we call the number that is exactly in the middle of -3 and 3?

0

True or False: -100 is larger than -1.

False. -1 is larger because it is closer to zero.

If you are at -2 on a number line and add 5, where do you land?

3

Max has -£2 and earns £5. How much money does he have now?

£3

On a vertical number line, are negative numbers above or below zero?

Below zero.

What is the missing number in this sequence: 4, 2, 0, -2, ...?

-4