

Try it!



- Complete the sequences below:
 - 273, 223, 173, 123, ____, ____, ____
 - 26, 16, 6, ____, ____, ____, ____
 - 0.5, 0.2, ____, ____, ____, ____
- The temperature in London at midnight was -7°C . At 9 o'clock in the morning, it was 5°C . By how many degrees had the temperature risen by?
- The highest temperature recorded on Earth is 56°C . The coldest temperature recorded on Earth is -89°C . What is the difference between these temperatures?

Apply it!



1. Aisha made some recordings of the temperature throughout the night.

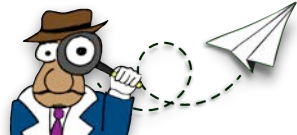
TIME	TEMPERATURE $^{\circ}\text{C}$
midnight	-4
1:00am	-5
2:00am	-6
3:00am	-3
4:00am	-1
5:00am	0
6:00am	1

What was the difference between the highest and the lowest temperatures?

- Luca bought a game online. It cost $\pounds 29.99$. He started with $\pounds 12.60$ in his account. How much money did Luca have after buying the game?
- Josh makes a sequence of numbers. The sequence increases by the same amount each time. Fill in the missing numbers:

-4, ____, ____, ____, 8

Fly with it!



1. Josh wrote down a sequence of numbers:
-65, -5, 45, 115, 165
What is wrong with Josh's sequence?

2. Roman's parents have $\pounds 456.75$ in their bank account. They have to pay the following bills.

Electricity	$\pounds 234.97$
Gas	$\pounds 132.17$
Council Tax	$\pounds 108.34$

Do Roman's parents have enough money to pay all their bills? Explain how you know.

3. Josh said "When I add a positive number to a negative number, the number gets smaller." Explain why you think Josh would say this. Use an equation to prove it.