Stops Year 5, Place Value

Skill: To Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers including through zero.

Try it!

1. Find the missing numbers in the sequences:

4, 3, 2, __, 0, __, __, -3, __, __

6, 4, 2, __, __, -4, __, __, __, __

2. Roman recorded the temperatures outside his house each morning for one week. What was the difference between the warmest and the coldest day?

Day	Temp
Monday	-2
Tuesday	3
Wednesday	0
Thursday	-3
Friday	-5
Saturday	1
Sunday	4

Order the temperatures from warmest to coldest.

3. Aisha said: "The week before, Monday was 3° warmer and Tuesday was 6° colder. What was the temperature on those days?
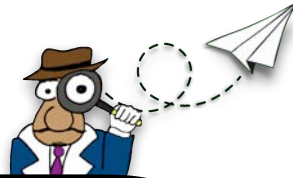
Apply it!

1. Roman lives on the fifth floor of an apartment block. He must go to the laundry room which is two floors below ground level. How many levels must Roman go down to reach the laundry room?
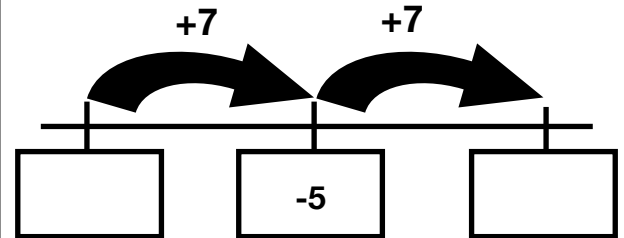
2. Josh has £30 in his bank account. He has an overdraft limit of £100. He want to buy a winter coat that costs £70. Will his overdraft allow him to buy the coat? How much money will he owe the bank after buying the coat?

3. On the 12th of January the morning temperature was 8°. By midday the temperature decreased by 9°.
What was the temperature at midday?
Overnight the temperate decreased a further 5°. What was the temperature the following morning?

Fly with it!

1. Roman started a number line but didn't complete it. Fill in the missing numbers for him.

+7   +7

| | -5 | |

2. Aisha is counting down in fives from 13. Will she say number -13? Prove it!

3. The number 7.5 is halfway between 5 and 10. Fill in the table below:

	Halfway	
5	7.5	10
3		6
-2		1
-10		8
2.6		4