

Compare and order negative numbers

1 a) Use the number line to compare the numbers.



5 ○ 2 3 ○ 8 1 ○ 0

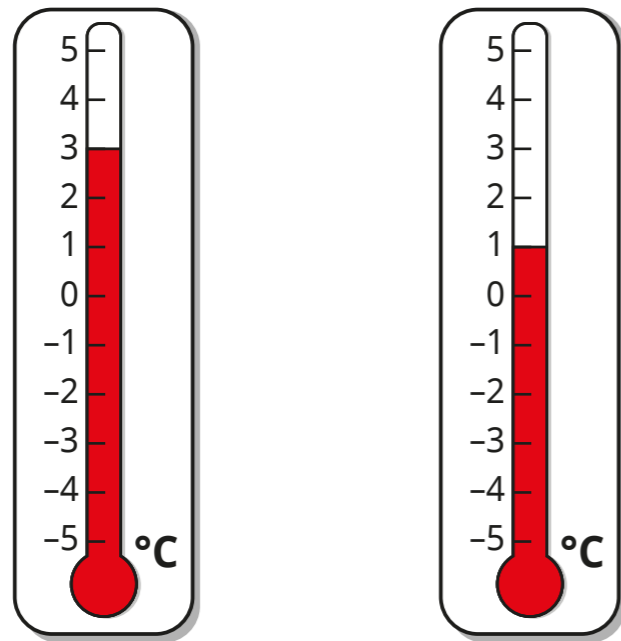
b) Write **greater** or **less** to complete the sentences.

Numbers to the left on a number line are _____ than numbers to the right.

Numbers to the right on a number line are _____ than numbers to the left.

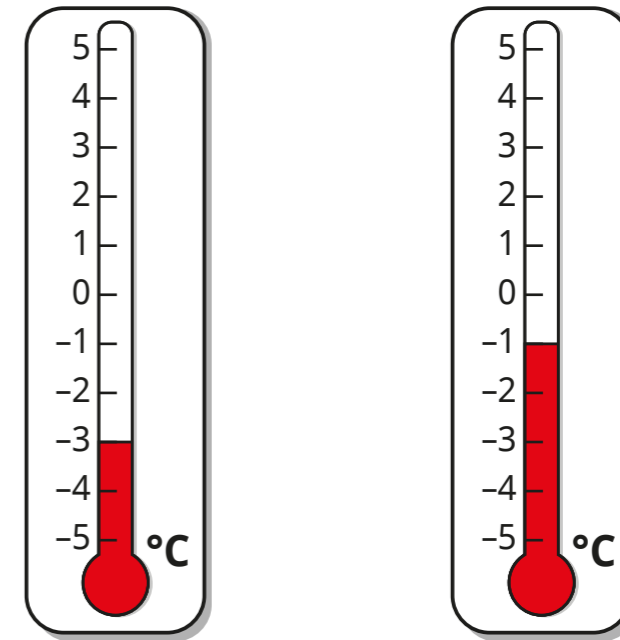
2 Write < or > to compare the temperatures.

a)



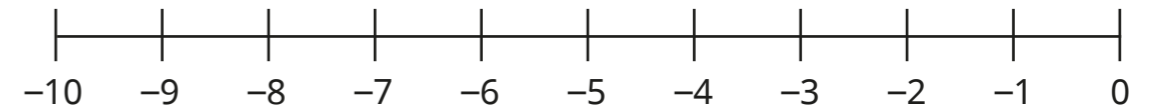
3 °C ○ 1 °C

b)



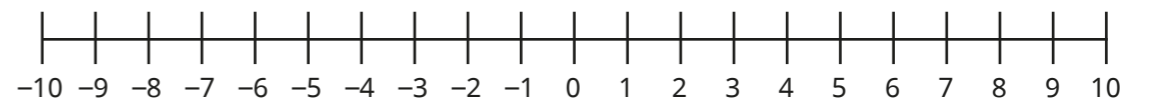
-3 °C ○ -1 °C

3 Use the number line to compare the numbers.



-5 ○ -2 -3 ○ -8 -1 ○ 0

4 Use the number line to compare the numbers.

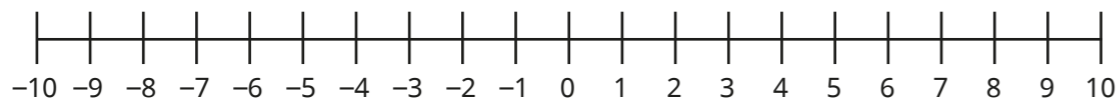


-5 ○ 2 3 ○ -8 -1 ○ 1

What do you notice?



- 5 a) Use the number line to write the numbers in ascending order.

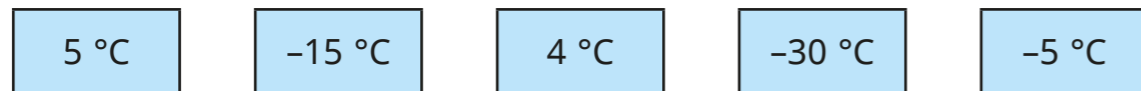


- b) Now write the numbers in descending order.

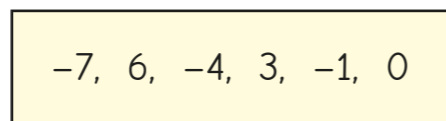
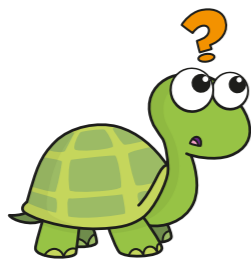
What do you notice?



- 6 Order the temperatures, starting with the warmest temperature.



- 7 Tiny is trying to order some numbers, starting with the greatest.

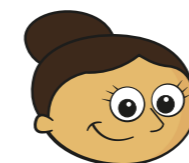


- a) What mistake has Tiny made?

- b) Write the numbers in the correct order.



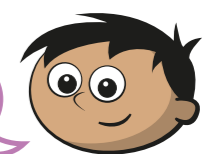
- 8 Dora, Amir and Jo are each thinking of a number.



Dora

My number is the second multiple of 2

My number is negative 3



Amir



Jo

My number is less than Dora's, but greater than Amir's.

What number could Jo be thinking of?

Find all the possible answers.

- 9 On Monday, the temperature in London was 0 °C. In Rome it was -2 °C.

On Tuesday, London is 4 degrees colder than on Monday.

Rome is 4 degrees warmer than on Monday.

On Tuesday, the temperature in Paris is warmer than London, but colder than Rome.

What could the temperature in Paris be?

Find all the possible answers.

