Skillswise

Find the difference - answers

Answers

The number line on the right can be used to check your answers.

Put a mark by the first number then count down until you get to the second number.

1. Find the difference between these numbers:

   a. 8 and -3   difference = 11
   b.   2 and -2   difference = 4 (2 + 2)
   c. 15 and -5   difference = 20 (15 + 5)

2. Find the difference between these temperatures:

   a. 10°C and -1°C   difference = 11°C (10 + 1)
   b. 5°C and -5°C   difference = 10°C   (5 + 5)
   c. 21°C and -11°C   difference = 32°C   (21 + 11)

3. Use the number line to answer these questions:

   a. The temperature in London is 4°C and the temperature in Edinburgh is -1°C . How much colder is it in Edinburgh than London?
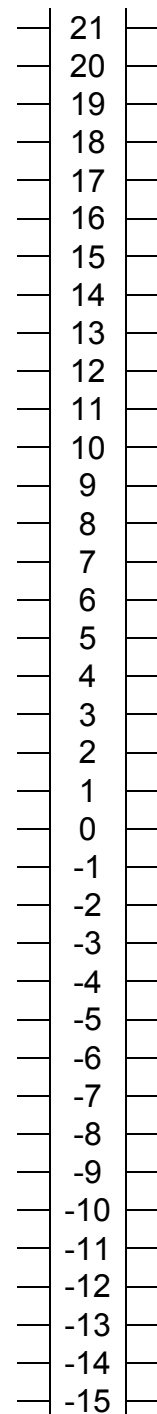
      Edinburgh is **5°C** colder. (4 + 1).

   b. Yesterday the daytime temperature was 7°C but overnight the temperature fell to -2°C, by how many degrees did the temperature fall?

      It fell by **9°C** (7 + 2).

   c. The temperature in Manchester is 8°C and the temperature in Moscow is -4°C. How much warmer is it in Manchester?

      It is **12°C** warmer in Manchester (8 + 4).

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-12
-13
-14
-15

1

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d. The temperature in Elicia's fridge is 4°C but the temperature in her freezer is -15°C. What is the difference in temperature between her fridge and my freezer?

The difference is **19°C** (4 + 15).

e. The temperature in the morning was -1°C but by midday it had risen to 5°C. What was the rise in temperature?

The rise in temperature was **6°C** (1 + 5).