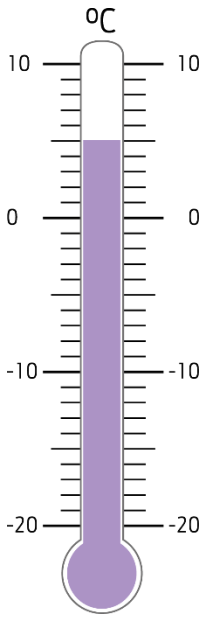
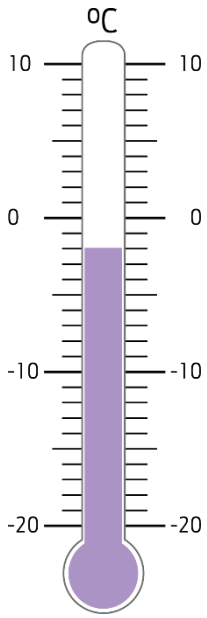
1. Write down the temperatures indicated on the thermometers below.

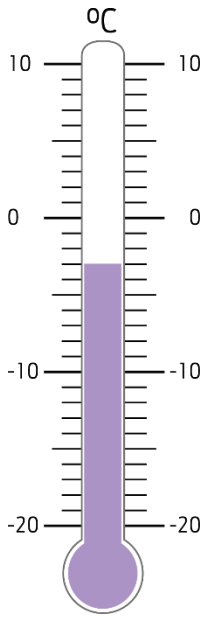
a. .....



b. .....



c. .....



2. The negative number for today is -3 .

a. 4 more → .....

b. 2 less → .....

c. 20 more → .....

d. 20 less → .....

3. The temperature in Madrid overnight is -7°C. During the morning it rose by 15°C. What is the new temperature? °C

4. What temperature is 15 degrees lower than 8°C? °C

5. The temperature rises by 17 degrees from -9°C. What is the new temperature? °C

6. The temperature in New York at 8am is -2°C.

a. By 2pm the temperature has risen by 14°C. What is the temperature at 2pm? °C

b. Overnight the temperature drops to -6°C. How many degrees did it fall by? °C

c. On another occasion, the lowest temperature was -8°C and the highest was 11°C. What is the difference between these temperatures? °C

7. Complete the following sequences:

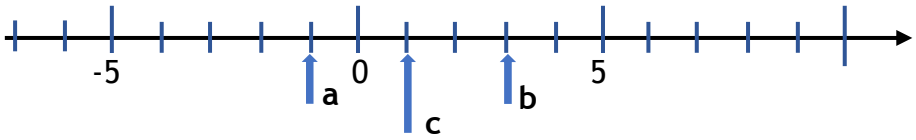
a. ☐ 1 ☐ 7 ☐

b. ☐ ☐ 2 6 10

c. ☐ ☐ 2 8 14

Challenge

On the diagram, we can see that **c** is ***halfway*** between points **a** and **b**. It is worth **1.**



Find the number that is **halfway** between the following pairs of numbers:

a. -2 and 6 → .....

b. -6 and 2 → .....

c. -3 and 9 → .....

d. -10 and -4 → .....

e. Find the number halfway between -24 and 36 and explain how you found it.