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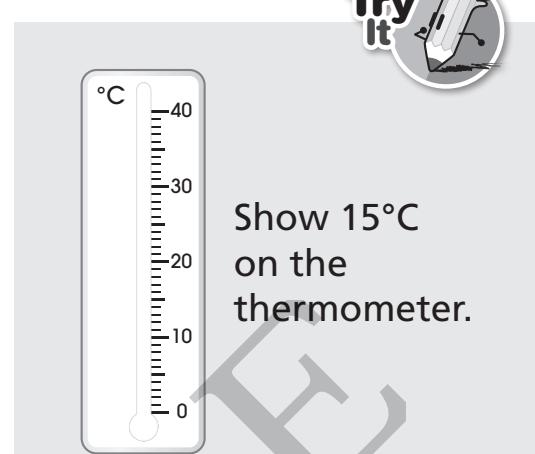
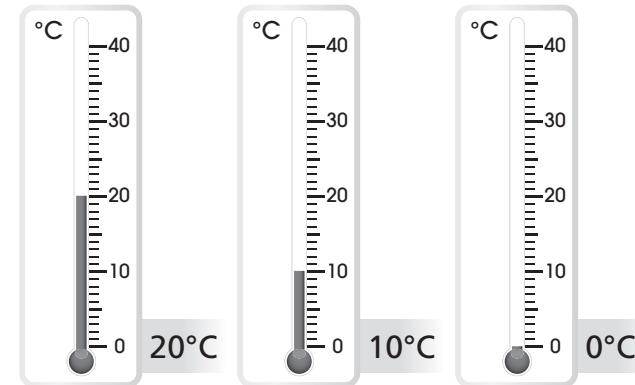
13 Temperature

- reading thermometers and describing changes in temperature



The liquid in a thermometer rises as the temperature goes up.

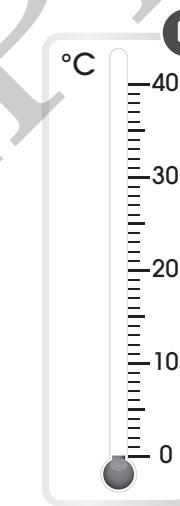
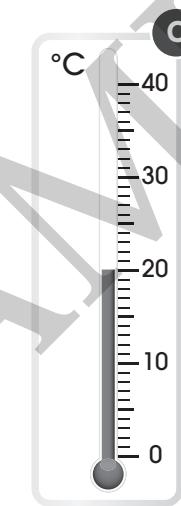
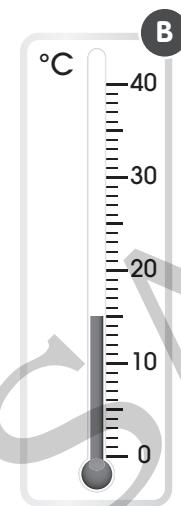
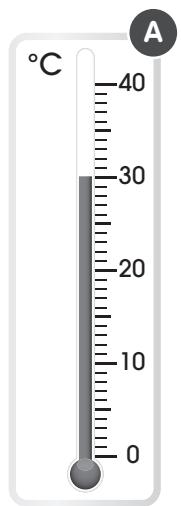
Example What are the temperatures?



Show 15°C
on the
thermometer.

Write or colour the thermometers to show the temperatures.

①



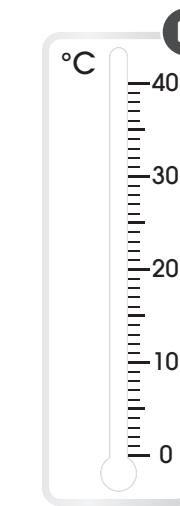
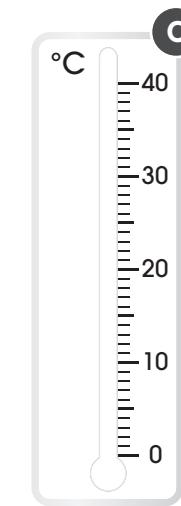
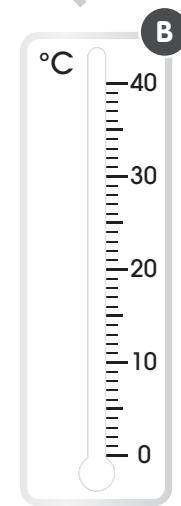
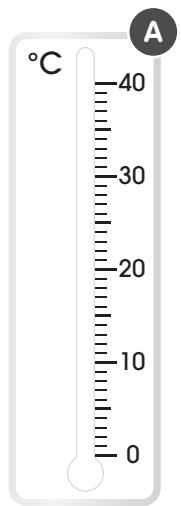
A : ____ °C

B : ____ °C

C : ____ °C

D : ____ °C

②



A : 20°C

B : 5°C

C : 25°C

D : 10°C

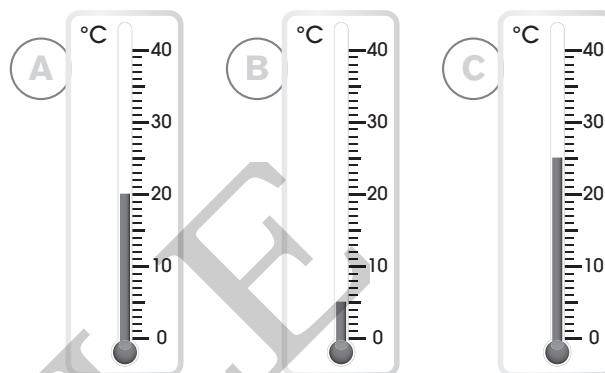


Circle the correct words, check the correct thermometers, and fill in the blanks. Then answer the question.

- ③ Doug puts a thermometer that shows 20°C into a fridge. If he checks it after 2 hours, the reading will show a **higher** / **lower** temperature.



The possible thermometer is:

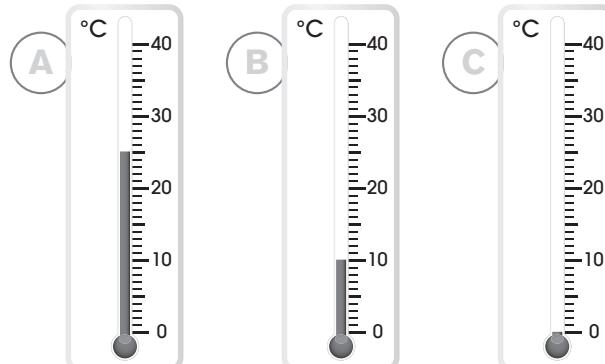


The temperature will **rise** / **drop** by _____ °C.

- ④ Emily puts a thermometer that shows 15°C beside a furnace. If she checks it after 1 hour, the reading will show a **higher** / **lower** temperature.



The possible thermometer is:



The temperature will **rise** / **drop** by _____ °C.

If Emily puts the thermometer into a fridge, how do you think the reading on the thermometer will change after 1 hour?

Draw lines to match the pictures with the correct temperatures. Then fill in the blanks and answer the question.

⑤



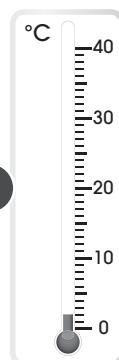
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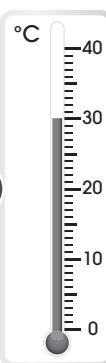
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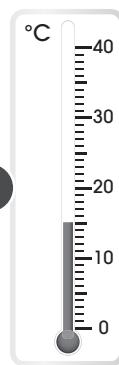
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• A



• B

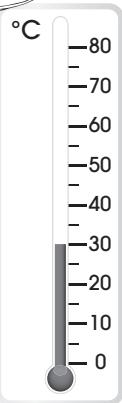
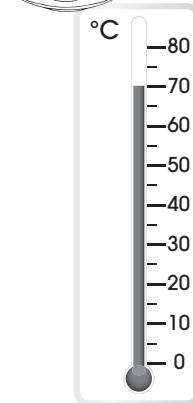
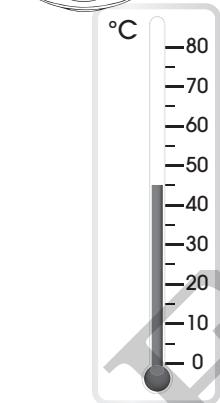
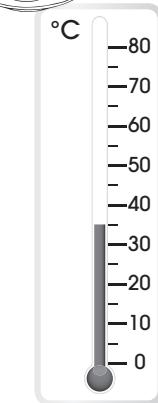


• C

- ⑥ Thermometer _____ shows the hottest temperature and Thermometer _____ shows the coolest.
- ⑦ The temperature shown on Thermometer B is _____ °C hotter than that on Thermometer C.
- ⑧ A boy on a hot beach takes a thermometer with him into the cool water. How does the reading on the thermometer change?
-

Carol makes a cup of coffee and measures its temperature at different times. Write the temperatures. Then write the letters.

(9)

 °C °C °C °C

(10) Put the cups of coffee in order from hottest to coldest.

 , , ,

Colour the thermometers to show the final temperatures.

(11) The temperature

- A** rises by 10°C.
- C** drops by 25°C.

- B** drops by 15°C.
- D** rises by 20°C.

