



CREST Mathematics Olympiad (CMO) Worksheet *for* Class 2



Topic
Temperature

Worksheet on Temperature

1. Which of the following is the estimated temperature of the winter night felt by the man in the picture?

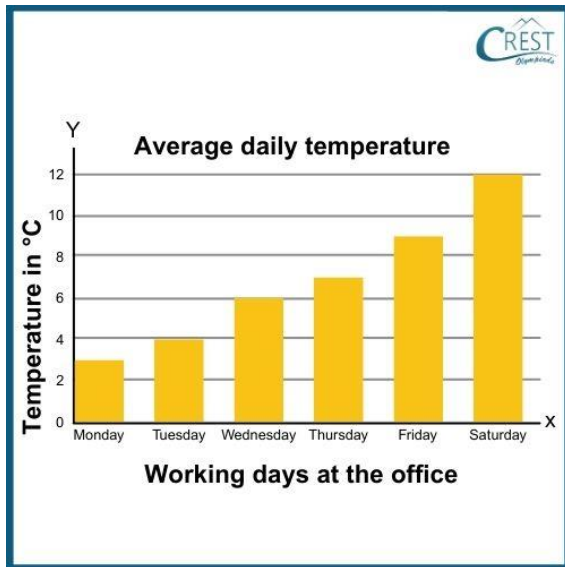


- a. 3°C
 - b. 23°C
 - c. 43°C
 - d. 53°C
2. Paris's temperature is 19°C . If the temperature of Paris is 6°C higher than the temperature of New York. What is the temperature in New York?



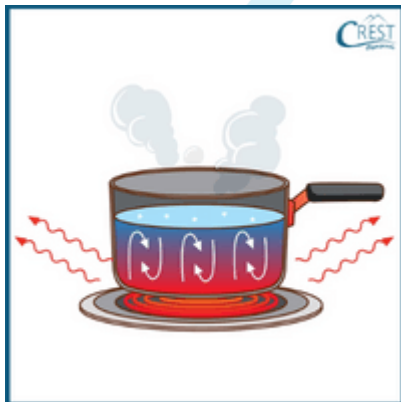
- a. 25°C
 - b. 21°C
 - c. 13°C
 - d. 11°C
3. If the temperature of London is 27°C and the temperature of Boston is 16°C , which of the following statements is correct?
- a. London is 11°C hotter than Boston.
 - b. London is 13°C hotter than Boston.
 - c. London is 11°C colder than Boston.
 - d. London is 13°C colder than Boston.

4. What is the sum of the average temperatures of all the working days at the office?



- a. 21°C
- b. 31°C
- c. 41°C
- d. 51°C

5. How will you classify the temperature of water by looking at the below image?



- a. Cold
- b. Warm
- c. Freeze
- d. Hot

Answer Key

1. a - 3°C

Explanation: The winter has very low temperatures. So, the estimated temperature of the winter night is 3°C .

2. c - 13°C

Explanation: If the temperature of Paris is 6°C higher than the temperature of New York, then the temperature of New York is 6°C lower than the temperature of Paris.
Temperature in New York = $19 - 6 = 13^{\circ}\text{C}$

3. a - London is 11°C hotter than Boston.

Explanation: The difference in temperature = $27 - 16 = 11^{\circ}\text{C}$
The temperature in London is higher than the temperature in Boston. So, London is warmer than Boston. Hence, London is 11°C hotter than Boston.

4. c - 41°C

Explanation: Sum of the average temperatures of all the working days at the office
= $3 + 4 + 6 + 7 + 9 + 12$
= 41°C

5. d - Hot

Explanation: The temperature of boiling water is 100°C . So, the temperature of the water is classified as hot.

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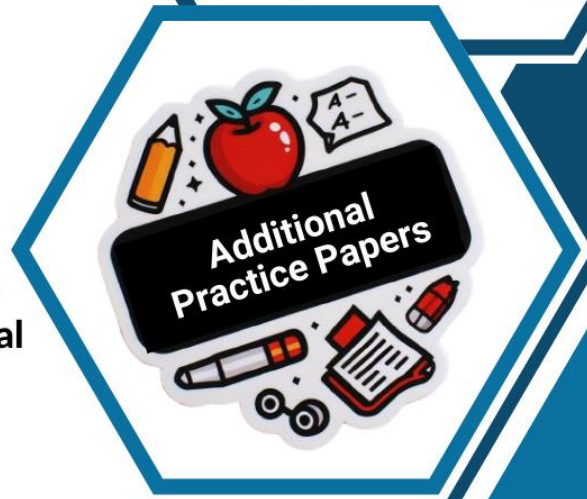
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