

Problem Set

1. Express each situation as an integer in the space provided.

- A gain of 56 points in a game _____
- A fee charged of \$2 _____
- A temperature of 32 degrees below zero _____
- A 56-yard loss in a football game _____
- The freezing point of water in degrees Celsius _____
- A \$12,500 deposit _____

For Problems 2–5, use the thermometer to the right.

2. Each sentence is stated *incorrectly*. Rewrite the sentence to correctly describe each situation.

- The temperature is -10 degrees Fahrenheit below zero.
- The temperature is -22 degrees Celsius below zero.

3. Mark the integer on the thermometer that corresponds to the temperature given.

- 70°F
- 12°C
- 110°F
- -4°C

4. The boiling point of water is 212°F . Can this thermometer be used to record the temperature of a boiling pot of water? Explain.

5. Kaylon shaded the thermometer to represent a temperature of 20 degrees below zero Celsius as shown in the diagram. Is she correct? Why or why not? If necessary, describe how you would fix Kaylon's shading.

