

Problem Set

1. Express each situation as an integer in the space provided.
 - a. A gain of 56 points in a game _____
 - b. A fee charged of \$2 _____
 - c. A temperature of 32 degrees below zero _____
 - d. A 56-yard loss in a football game _____
 - e. The freezing point of water in degrees Celsius _____
 - f. 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.
 - a. The temperature is -10 degrees Fahrenheit below zero.
 - b. The temperature is -22 degrees Celsius below zero.
3. Mark the integer on the thermometer that corresponds to the temperature given.
 - a. 70°F
 - b. 12°C
 - c. 110°F
 - d. -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.

