

Name: _____

Date: _____

Learning Goal 3.7

Creating confidence in word problems.

More Questions

1. A bottle of soda pop at room temperature (72°F) is placed in a refrigerator where the temperature is 44°F . After half an hour the soda pop has cooled to 61°F .
 - a. What is the temperature of the soda pop after another half hour?
 - b. How long does it take for the soda pop to cool to 50°F ?
2. How long will it take an investment to double in value if the interest rate is 6% compounded continuously? What is the equivalent annual interest rate?
3. A freshly brewed cup of coffee has temperature of 95°C in a 20°C room. When its temperature is 70°C , it is cooling at a rate of 1°C per minute. When does this occur?