REPRESENTING INTEGERS

Name: _____ Class: _____ Due Date: _____

Family Member Signature: _____
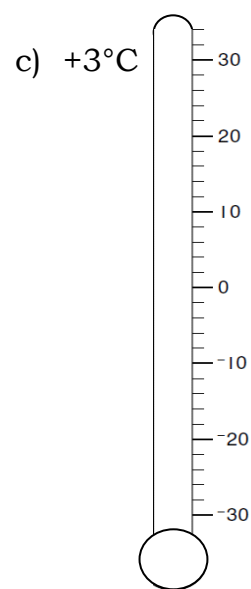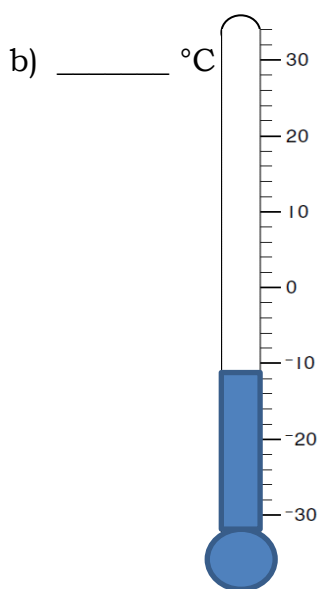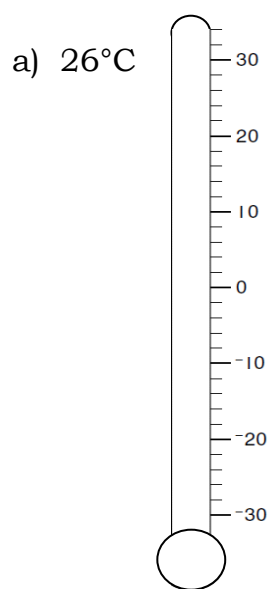
Objective:

To be able to represent integers in different ways.

Background Information: An integer is a positive or negative whole number.

Practice Questions:

1. Give an example of two integers that are <u>opposite</u> integers. Explain why they are called this.

2. Why is zero such an important integer?

3. Color in the thermometer or write the temperature as needed.

a) 26°C

b) _____ °C

c) +3°C

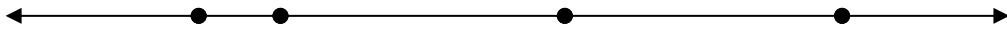4.   Name two **<u>negative</u>** numbers to make the sentences true.

a) _____ and _____ are just a little farther apart than 4 and 13 on a number line.

b) _____ and _____ are just a little closer together than -7 and +10.

5.   Choose five integers that would work on the following number line.

6.   Choose four integers that would work on the following number.

7.   If an elevator started at the eighth floor, went down 5 floors, ascended 13 floors, gained another 4 floors, then dropped 8 floors, where would you end up? Draw a diagram to support your answer.

In Your Real World:

With a family member, look at this snapshot of a bank account.

a) What does the -$135 mean?

b) What does the -$150 mean?

c) What does the $50 mean?

d) What do you think this account holder should do?