### Lesson 5 Practice Problems

1. In the context of elevation, what would feet mean?
2. Match the the statements written in English with the mathematical statements.
   1. The number -4 is a distance of 4 units away from 0 on the number line.
   2. The number -63 is more than 4 units away from 0 on the number line.
   3. The number 4 is greater than the number -4.
   4. The numbers 4 and -4 are the same distance away from 0 on the number line.
   5. The number -63 is less than the number 4.
   6. The number -63 is further away from 0 than the number 4 on the number line.
3. Compare each pair of expressions using >, <, or =.
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4. Mai received and spent money in the following ways last month. For each example, write a signed number to represent the change in money from her perspective.
   1. Her grandmother gave her $25 in a birthday card.
   2. She earned $14 dollars babysitting.
   3. She spent $10 on a ticket to the concert.
   4. She donated $3 to a local charity
   5. She got $2 interest on money that was in her savings account.

* (From Unit 7, Lesson 3.)

1. Here are the lowest temperatures recorded in the last 2 centuries for some US cities.
   * Death Valley, CA was in January of 1937.
   * Danbury, CT was  in February of 1943.
   * Monticello, FL was  in February of 1899.
   * East Saint Louis, IL was  in January of 1999.
   * Greenville, GA was  in January of 1940.
   1. Which of these states has the lowest record temperature?
   2. Which state has a lower record temperature, FL or GA?
   3. Which state has a lower record temperature, CT or IL?
   4. How many more degrees colder is the record temperature for GA than for FL?

* (From Unit 7, Lesson 1.)

1. Noah was assigned to make 64 cookies for the bake sale. He made 125% of that number. 90% of the cookies he made were sold. How many of Noah's cookies were left after the bake sale?

* (From Unit 6, Lesson 4.)



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