### Lesson 3 Practice Problems

1. Select **all** of the numbers that are *greater than* $-5$.
	1. 1.3
	2. $-6$
	3. $-12$
	4. $\frac{1}{7}$
	5. $-1$
	6. $-4$
2. The table shows five states and the lowest point in each state.
* Put the states in order by their lowest elevation, from least to greatest.

| * state
 | * lowest elevation (feet)
 |
| --- | --- |
| * California
 | * -282
 |
| * Colorado
 | * 3350
 |
| * Louisiana
 | * -8
 |
| * New Mexico
 | * 2842
 |
| * Wyoming
 | * 3099
 |

1. Here are the boiling points of certain elements in degrees Celsius:
	* Argon: -185.8
	* Chlorine: -34
	* Fluorine: -188.1
	* Hydrogen: -252.87
	* Krypton: -153.2
* List the elements from least to greatest boiling points.
1. Decide which of the following quantities can be represented by a positive number and which can be represented by a negative number. Give an example of a quantity with the opposite sign in the same situation.
	1. Tyler’s puppy gained 5 pounds.
	2. The aquarium leaked 2 gallons of water.
	3. Andre received a gift of $10.
	4. Kiran gave a gift of $10.
	5. A climber descended 550 feet.
	6. On the number line, label the points that are 4 units away from 0.
	* 
	1. If you fold the number line so that a vertical crease goes through 0, the points you label would match up. Explain why this happens.
	2. On the number line, label the points that are $\frac{5}{2}$ units from 0. What is the distance between these points?
* (From Unit 7, Lesson 1.)



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