

Lesson 3 Practice Problems

1. Select **all** of the numbers that are *greater than* -5.

A. 1.3

B. -6

C. -12

D. $\frac{1}{7}$

E. -1

F. -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

3. Here are the boiling points of certain elements in degrees Celsius:

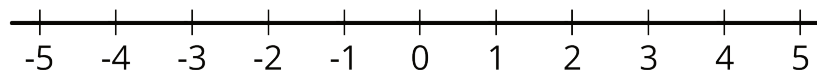
- Argon: -185.8
- Chlorine: -34
- Fluorine: -188.1
- Hydrogen: -252.87
- Krypton: -153.2

List the elements from least to greatest boiling points.

4. 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.

- a. Tyler’s puppy gained 5 pounds.
- b. The aquarium leaked 2 gallons of water.
- c. Andre received a gift of \$10.
- d. Kiran gave a gift of \$10.
- e. A climber descended 550 feet.

5. a. On the number line, label the points that are 4 units away from 0.



b. 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.

c. 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.)