

Gillespie

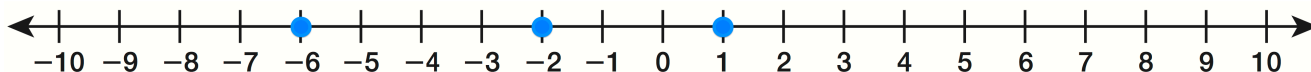
Course 1: Learning Check Ch1d

Rational Numbers and the Coordinate Plane

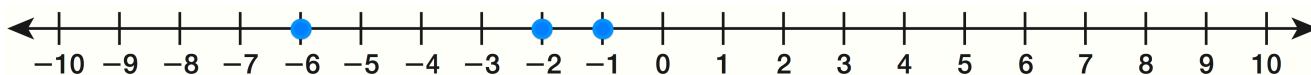
Directions: When working each of the following questions, be sure to show all work.

1) Locate and plot $\{1, -2, -6\}$ on the number line

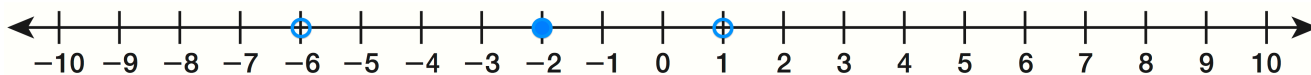
a)



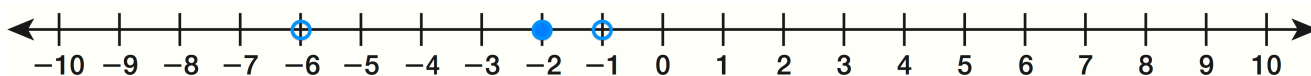
b)



c)



d)



2) Evaluate $|-3| - |-1|$

a) -4

b) -2

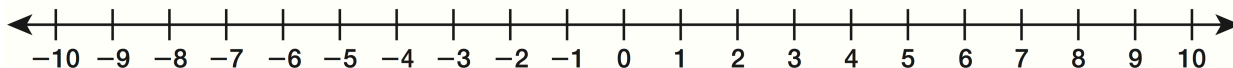
c) 2

d) 4

3) Evaluate $|4| + |-1|$

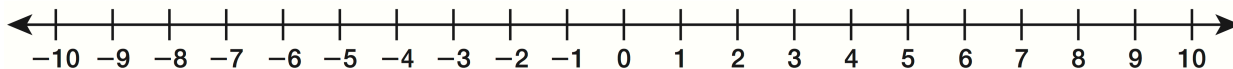
- a) -5
- b) -3
- c) 3
- d) 5

4) Compare -7 and 3



- a) $-7 < 3$
- b) $-7 = 3$
- c) $-7 > 3$
- d) *none of the above*

5) Compare -1 and -6



- a) $-1 < -6$
- b) $-1 = -6$
- c) $-1 > -6$
- d) *none of the above*