

Gillespie

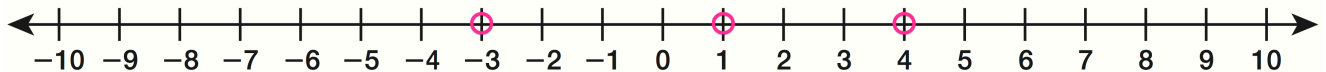
Course 1: Learning Check Ch1c

Rational Numbers and the Coordinate Plane

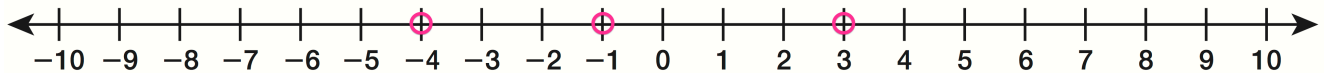
Directions: When working each of the following questions, be sure to show all work.

1) Locate and plot $\{3, -4, -1\}$ on the number line

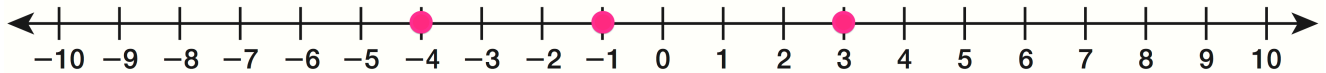
a)



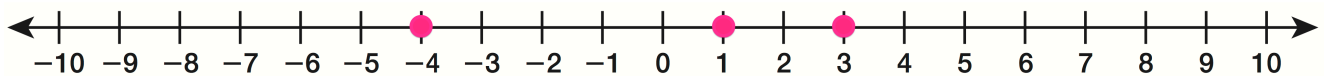
b)



c)



d)



2) Evaluate $|-4| + |-6|$

a) -10

b) -2

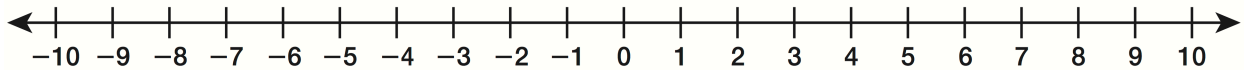
c) 8

d) 10

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

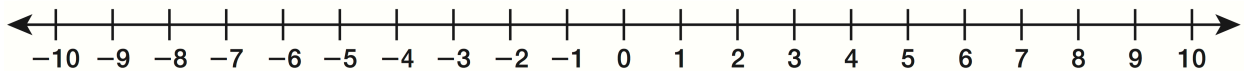
- a) -2
- b) -4
- c) 4
- d) 2

4) Compare -12 and 8



- a) $-12 < 8$
- b) $-12 = 8$
- c) $-12 > 8$
- d) *none of the above*

5) Compare -5 and -6



- a) $-5 < -6$
- b) $-5 = -6$
- c) $-5 > -6$
- d) *none of the above*