

Gillespie

Course 1: Learning Check Ch1b

Rational Numbers and the Coordinate Plane

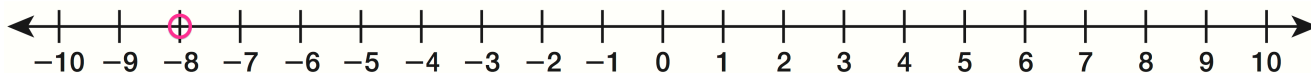
Directions: When working each of the following questions, be sure to show all work.

1) Determine the integer that represents losing 21 points

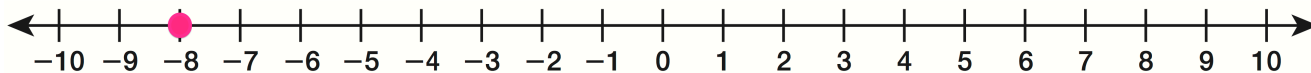
- a) $-18 + 3$
- b) -21
- c) 21
- d) $18 + 3$

2) Locate and plot -8 on the number line

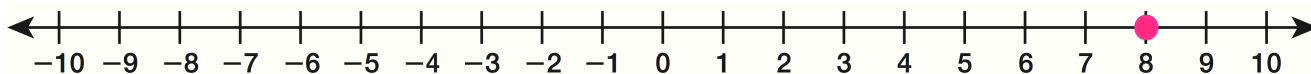
a)



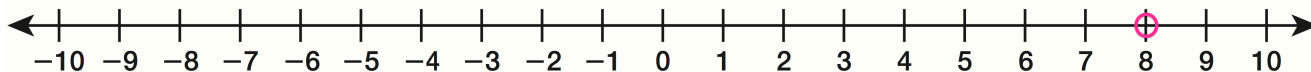
b)



c)

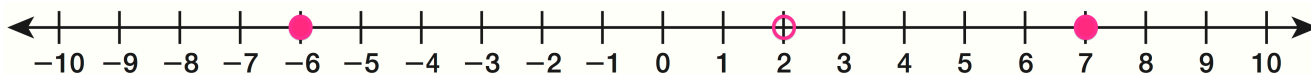


d)

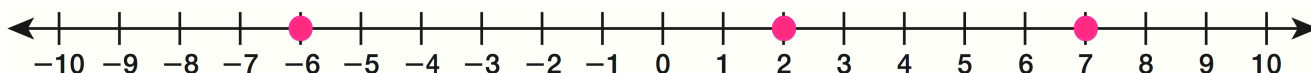


3) Locate and plot $\{-6, 2, 7\}$ on the number line

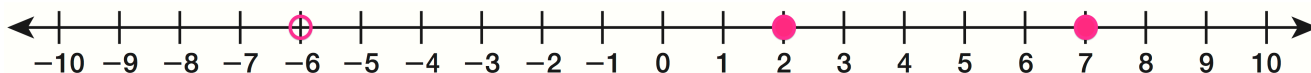
a)



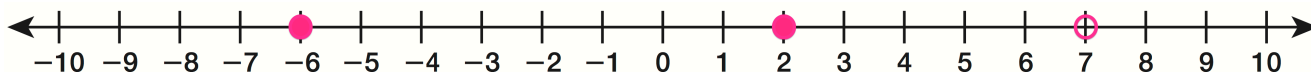
b)



c)



d)



4) Evaluate $|-4| + |5|$

a) -9

b) -1

c) 1

d) 9

5) Evaluate $|-5| - |-4|$

a) -9

b) -1

c) 1

d) 9