

Gillespie

Course 1: Ch3 Test Review Key

Integer Operations

Directions: When working each of the following questions, be sure to show all work.*hints: multiplication and division*

same signs = +

different signs = -

1) $-2 + (-7)$

-9

2) $(-8) + 8$

0

3) $(5 - 10) + 3$

-2

4) $-5 + (-2 + 12)$

5

5) $15 + (-7)$

8

6) $-7(-3)$

21

7) $27 \div (-9)$

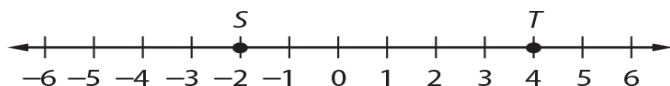
-3

8) $(-2)(-3)$

6

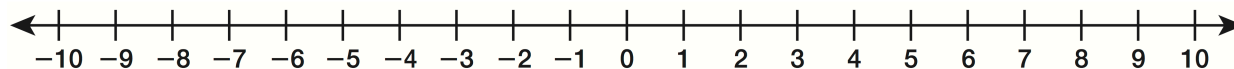
9) Use the number line to determine the value of $S - T$.

You must show your work!



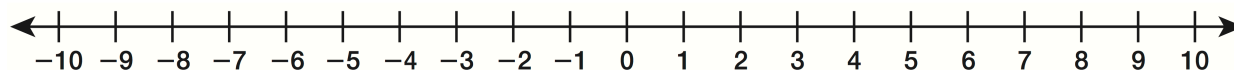
$S - T = \mathbf{-6}$ or $-2 - 4 = \mathbf{-6}$

10) $4 - 14$



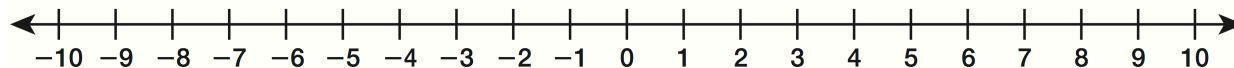
-10

11) $-12 + (-5)$



-17

12) $15 - (-5)$

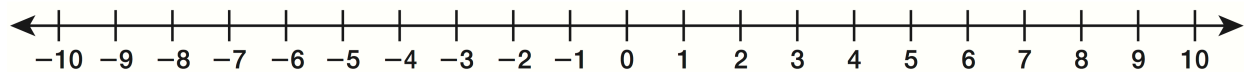


20

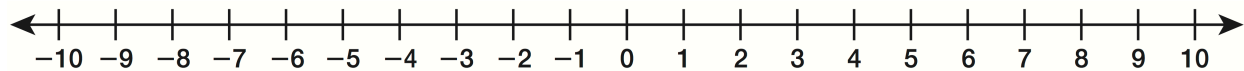
13) $-2(5) + (-3)$

-13

$$14) -10 - 3(-4)$$

**2**

$$15) -3 + 7$$

**4**