![socrative - A showbie PRODUCT]

Integers

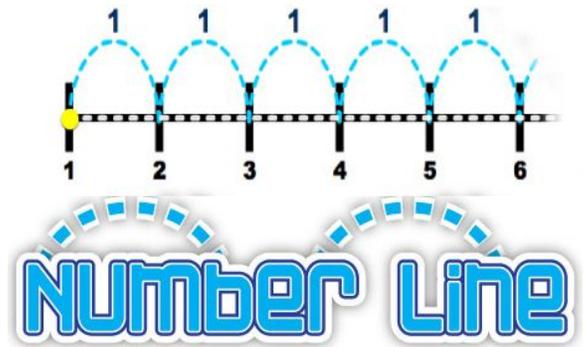**1.** (-10) and (+10) are opposite integers.

(T) True

(F) False

2. (-6) is farther left on a horizontal number line than (-5).
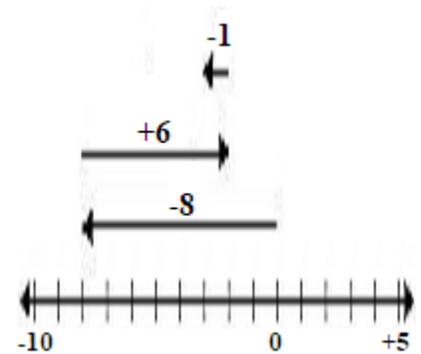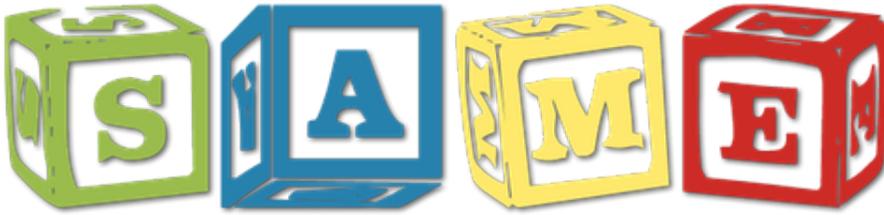
(T) True

(F) False

3. The integer sum shown by the arrows above the following number line is (-8).
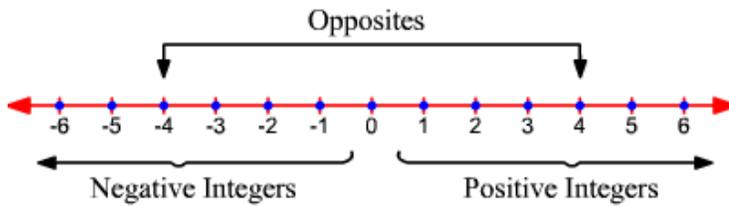
(T) True

(F) False

4.

The result of (−7) + (+2) is the same as the result of (+2) +(−7).

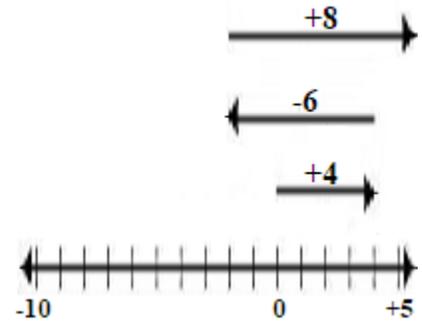(T) True

(F) False

5.

The sum of a positive integer and a negative integer is always greater than zero.
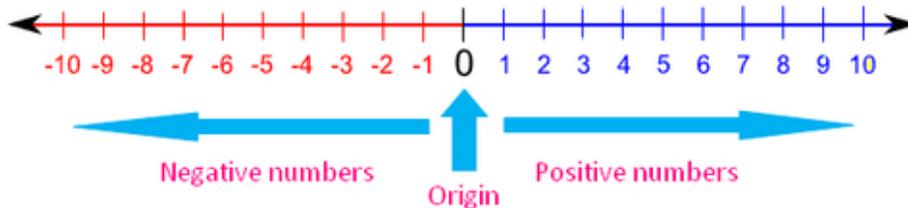
(T) True

(F) False

6. The integer sum shown by the arrows above the number line is (+6).

(T) True

(F) False

7.

The sum of (+3) and (−8) is greater than the sum of (−5) and (+1).

(T) True

(F) False

8. When a negative integer is subtracted from a negative integer, the result can be zero.

(T) True

(F) False

9. (+5) + (-5) = 0 is an example of:

(A) the opposite integers principle.

(B) the positive-negative principle.

(C) the ordered pair principle.

(D) the zero principle.

10. Mr. F put three books in his backpack with a total weight of 12 kg. Later, he took two of the books out and put them in his 300kg scooter. The two books weighed 8kg in total. What is the integer sum that represents the current weight in the backpack?
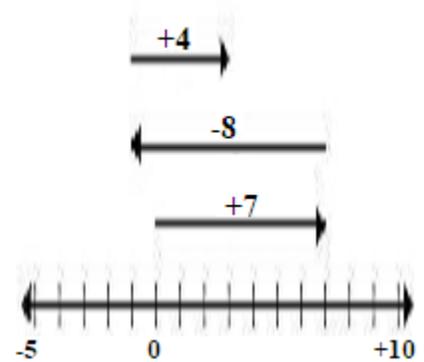
(A) -17

(B) +17

(C) -4

(D) +4

11.

Farmer Brown played Hide & Seek with the barn cats for 45 minutes & used up 352 calories. He ate 8 pieces of sushi with a total of 475 calories. Which integer sum represents the situation?

(A) (-123)

(B) (+123)

(C) (+472)

(D) (-472)

12. What is the integer sum shown on the number line?

(A) -8

(B) +7

(C) +3

(D) +4

13. What is the result when a negative integer is added to a negative integer?

(A) a negative integer

(B) a positive integer

(C) zero

(D) all of the above

14. What is the result when a negative integer is subtracted from a negative integer?

(A) a negative integer

(B) a positive integer

(C) zero

(D) all of the above

15. What is the difference of (-7) - (-2) - (-6)?
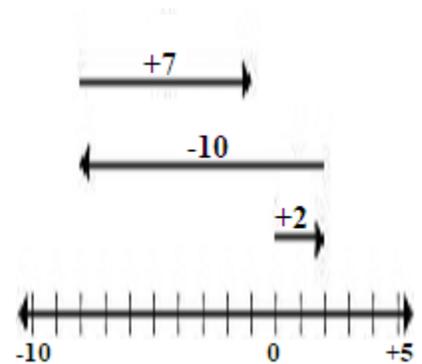
(A) +1

(B) +3

(C) -11

(D) -15

16. Which integer statement describes the following? A baby raccoon played with his friend the rabbit for 29 minutes and used up 400 calories. Later it ate 6 crayfish and gained a total of 700 calories.

(A) 29 x (+400) - (-700)

(B) (+400) - (+700)

(C) (-400) + (+700)

(D) (-400) - (+700)

17. An addition statement for the following number line is:

(A) (-2) + (+10) + (-7)

(B) (+2) + (-10) + (+7)

(C) (-2) - (10) - (+7)

(D) (0) + (-17) + (-8)

+7

-10

+2
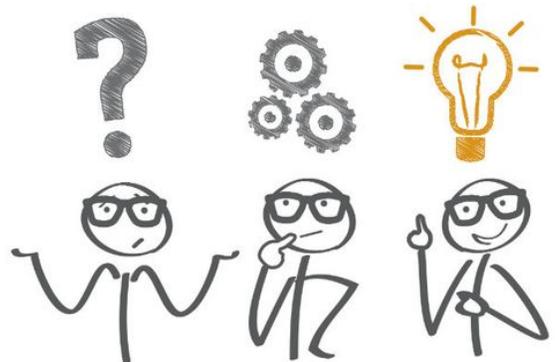
-10   0   +5

18. What is the result of (+1) - (-1) + (+1) - (-1)?

(A) 0

(B) +4

(C) -1

(D) +2

19. Solve the following: (-5) + (-4) - (-4).

(A) +5

(B) -5

(C) 0

(D) -4

20. Tim kept hockey cards for 3 years. He buys a pack, keeps favourites & trades with pals. YEAR 1, he had 250. YEAR 2, he bought 135, traded 52 cards for 24 cards. YEAR 3, he bought 210, traded 65 for 78 cards from pals. How many cards does he have now?

(A) 590 cards

(B) 512 cards

(C) 595 cards

(D) 580 cards