



Codingal

Integers

Q1. State whether the following statements are True or false:

- a) The smallest natural no. is zero.
- b) Zero is not an integer as it is neither positive nor negative.
- c) The sum of two negative integers is always smaller than both the integers.
- d) Since $5 > 3$, therefore $-5 > -3$.

Q2. Fill in the blanks to make the following statements true:

- a) On the number line, -15 is to the _____ of zero.
- b) On the number line, 10 is to the _____ of zero.
- c) The additive inverse of -1 is _____.
- d) $(-11) + (-2) + (-1) =$

Q3. Write two integers whose sum is 6 and difference is also 6.

Q4. The temperature is -5°C now. What will be the temperature after a rise of 7°C ?

Q5. Identify the given numbers are integers or not.

(a) $-\frac{2}{5}$

(b) $\frac{121}{11}$

(c) -1

(d) -66

(e) 30.5

(f) 0

Q7. Represent the following using integers.

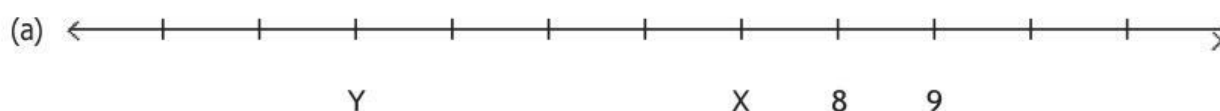
(a) A loss of 10 kg in weight

(b) An increase of 8% in price

(c) A fall of 20°C in temperature

(d) A profit of ` 50

Q8. Fill in the blanks



- (i) On jumping 8 units to the left from X, we land at .
- (ii) To reach 11 from Y, we need to jump units to the (left/right) from Y.
- (iii) If we reached Y by jumping 7 units to the left, we started at .