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.

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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) −2/ 5

(b) 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

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(c) A fall of 20°C in temperature

(d) A profit of `50

Q8. Fill in the blanks

(a)

(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 _____.

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