

DELHI PUBLIC SCHOOL, JAMMU

SESSION 2024-25

Assignment -2

Topic: Basic geometric ideas and integers

Class: VI

MM: 20

Read all the questions carefully.

Q1. If two lines are perpendicular to each other than angle between them at the point of contact is: (1)

- (i) 90° (ii) 100° (iii) 85° (iv) 80°

Q2. What is a set of points which extend infinitely in both directions called? (1)

- (a) A line (b) A plane (c) A line segment (d) A point

Q3. 5 less than -2 is (1)

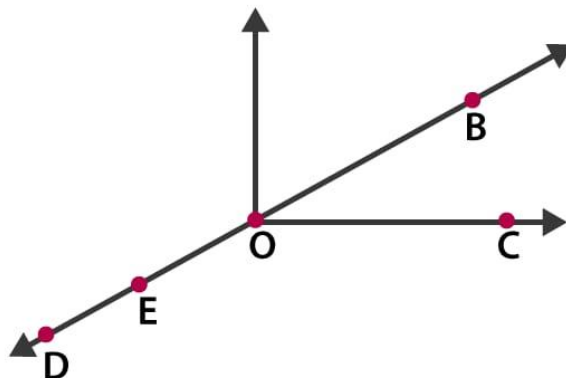
- (a) 3 (b) -3 (c) -7 (d) 7

Q4. How many lines can pass through (a) one given point? (b) two given points? (2)

Q5. Write opposites of the following. (2)

- (a) Increase in weight
(b) 30 km north
(c) 80 m east
(d) Loss of Rs 700

Q6. Use the figure to answer the following



- a) Five points
(b) A line
(c) Four rays
(d) Five line segments

Q7. Write all the integers between the given pairs (write them in increasing order). (3)

(a) 0 and -7

(b) -4 and 4

(c) -8 and -15

Q8. Find the value of: (3)

(i) $-27 - (-23)$

(ii) $-17 - 18 - (-35)$

(iii) $-12 - (-5) - (-125) + 270$

Q9. Draw rough diagrams of two angles such that they have (4)

(a) One point in common

(b) Two points in common

(c) Three points in common

(d) Four points in common