EduSahara™ Learning Center Assignment

Grade : Class VI, CBSE
Chapter : Understanding Elementary Shapes
Name : Line Concepts
Licensed To : Teachers and Students for non-commercial use

---

1. Multiple lines drawn on a plane are called

(i) parallel lines (ii) intersecting lines (iii) perpendicular lines
(iv) concurrent lines (v) coplanar lines

---

2. Multiple lines which do not meet each other are called

(i) coplanar lines (ii) parallel lines (iii) perpendicular lines
(iv) intersecting lines (v) concurrent lines

---

3. Multiple lines which pass through the same point are called

(i) coplanar lines (ii) concurrent lines (iii) intersecting lines
(iv) perpendicular lines (v) parallel lines

---

4. A line that intersects two lines at two different points is called

(i) transversal (ii) coplanar lines (iii) concurrent lines
(iv) parallel lines (v) perpendicular lines

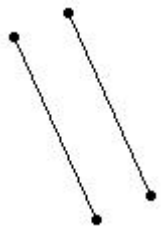
---

5. Two lines meeting at a point and making an angle of 90°
at the meeting point are called

(i) concurrent lines (ii) coplanar lines (iii) intersecting lines
(iv) parallel lines (v) perpendicular lines

---

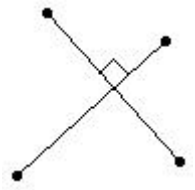
6. The following lines represent



(i) coplanar lines (ii) concurrent lines (iii) parallel lines
(iv) perpendicular lines (v) intersecting lines

---

7. The following lines represent



(i) parallel lines (ii) perpendicular lines (iii) intersecting lines
(iv) concurrent lines (v) coplanar lines

---

8. The following lines represent

(i) perpendicular lines (ii) parallel lines (iii) intersecting lines
(iv) coplanar lines (v) concurrent lines

---

9. Consider the following figure $\overleftrightarrow{EM}$.

State which of the following statements are true?

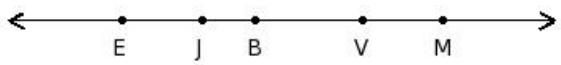
a) E , M are end points of line segment $\overline{JV}$

b) B , V are end points of line segment $\overline{VE}$

c) E , J , B , M , V are points on the line $\overleftrightarrow{EM}$

d) E , M are end points of line $\overleftrightarrow{EM}$

e) E , M are points on the line segment $\overline{JV}$



(i) {b,d,c} (ii) {e,a,c} (iii) {a,c} (iv) {c,d} (v) {b,d}

---

10. The representation $\overleftrightarrow{MN}$ indicates

(i) line segment (ii) ray (iii) arc (iv) angle (v) line

---

11. The representation $\overline{AB}$ indicates

(i) line (ii) ray (iii) angle (iv) line segment (v) arc

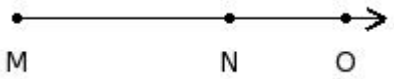
---

12. The representation $\overrightarrow{CD}$ indicates

(i) arc (ii) line segment (iii) line (iv) angle (v) ray

---

13. In the figure below, if MN = 10.60 cm and NO = 5.80 cm ,find MO = ?



(i) 18.40 cm (ii) 14.40 cm (iii) 16.40 cm (iv) 17.40 cm (v) 15.40 cm

---

Assignment Key

1) (v)
2) (ii)
3) (ii)
4) (i)
5) (v)
6) (iii)
7) (ii)
8) (iii)
9) (iv)
10) (v)
11) (iv)
12) (v)
13) (iii)