



1. Identify the figure below



(i) angle (ii) hexagon (iii) line (iv) heptagon (v) decagon

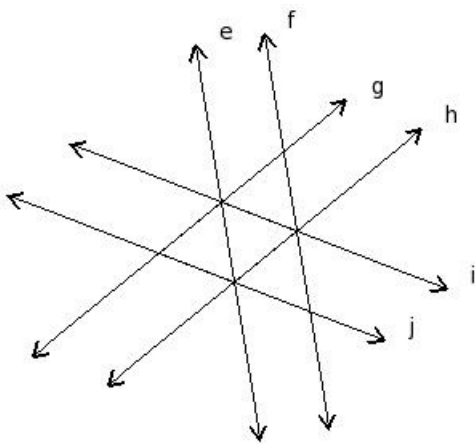
2. Which of the following are true?

- a) If $q \perp r$ and $r \perp s$, then $q \perp s$
- b) If $q \parallel r$ and $r \parallel s$, then $q \parallel s$
- c) If two lines are parallel to the same line, then they are parallel to each other
- d) If two lines are parallel to the same line, then they are perpendicular to each other
- e) If $q \perp r$ and $q \perp s$, then $r \perp s$

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

3. In the given figure, e, f, g, h, i, j are lines in a plane. By looking at the figure, which of the following are true?

- a) h is the transversal of e & f
- b) j is the transversal of g & e
- c) $e \parallel f$
- d) i is the transversal of g & h
- e) $e \parallel h$
- f) e is the transversal of g & i



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

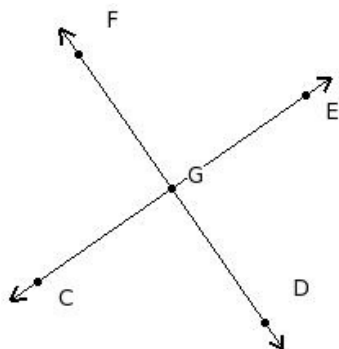
4. Which of the following are true with respect to lines r, s, t, u where $r \parallel s, s \perp t, t \perp u$?

- a) $t \parallel u$
- b) $r \parallel u$
- c) $s \parallel u$
- d) $r \perp u$
- e) $r \parallel t$

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

5. Which of the following points are collinear?

- a) F,G,D
- b) G,F,E
- c) C,G,E
- d) D,G,E
- e) E,G,F



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

6. Points lying on the same line are called

- (i) concurrent points (ii) non-linear points (iii) semi-linear points (iv) linear points (v) collinear points

7. Multiple lines drawn on a plane are called

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

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

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

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

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

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

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

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

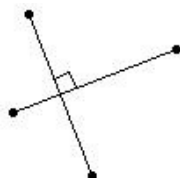
- (i) perpendicular lines (ii) intersecting lines (iii) coplanar lines (iv) concurrent lines (v) parallel lines

12. The following lines represent



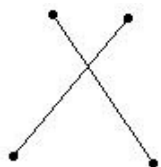
- (i) coplanar lines (ii) intersecting lines (iii) parallel lines (iv) concurrent lines (v) perpendicular lines

13. The following lines represent



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

14. The following lines represent



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

Assignment Key

1) (iii)

2) (v)

3) (i)

4) (i)

5) (ii)

6) (v)

7) (v)

8) (iv)

9) (ii)

10) (ii)

11) (i)

12) (iii)

13) (i)

14) (iii)

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