

1. Identify the figure below

 $\leftrightarrow \rightarrow$

- (i) line (ii) nonagon (iii) octagon (iv) circle (v) heptagon
- 2. Which of the following are true?
 - a) If two lines are parallel to the same line, then they are perpendicular to each other
 - b) If $b \perp c$ and $c \perp d$, then $b \perp d$
 - c) If $b \| c$ and $c \| d$, then $b \| d$
 - d) If bic and bid , then cid
 - e) If two lines are parallel to the same line, then they are parallel to each other
 - (i) {b,e,c} (ii) {c,e} (iii) {b,e} (iv) {a,c} (v) {d,a,c}
- 3. In the given figure, g , h , i , j , k , l are lines in a plane. By looking at the figure, which of the following are true?
 - a) kis the transversal ofi&j
 - b) g∥j
 - c) gis the transversal of i&k
 - d) lis the transversal of i&g
 - e) g∥h
 - f) jis the transversal of g&h



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

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

a) t∥v b) s∥u c) s⊥v d) s∥v e) u∥v (i) {c,d} (ii) {a,d} (iii) {e,b,a} (iv) {b,a} (v) {c,d,a}





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

14. The following lines represent



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

Assignment Key					
1) (i)	2) (ii)	3) (iii)	4) (ii)	5) (v)	6) (i)
7) (ii)	8) (v)	9) (ii)	10) (iii)	11) (iv)	12) (i)
13) (i)	14) (iii)				

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