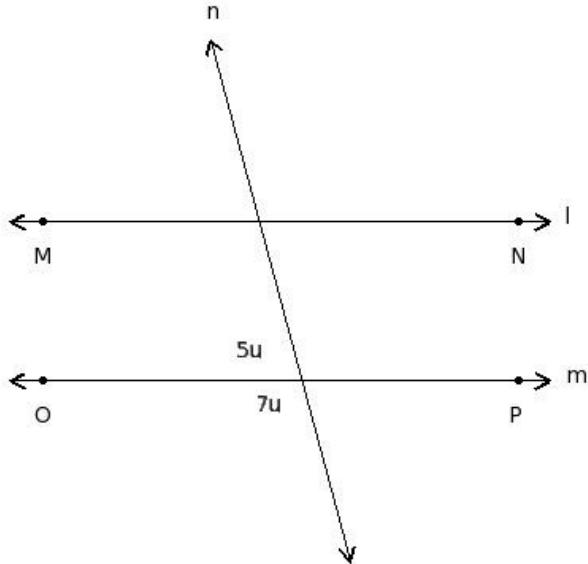




1. Which of the following is a reflex angle?

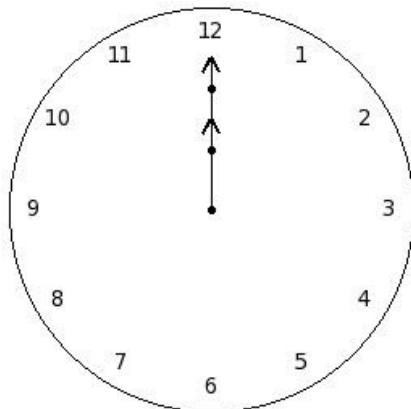
- (i) 195° (ii) 90° (iii) 122° (iv) 180° (v) 45°

2. In the given figure $l \parallel m$. Find the value of ' u '



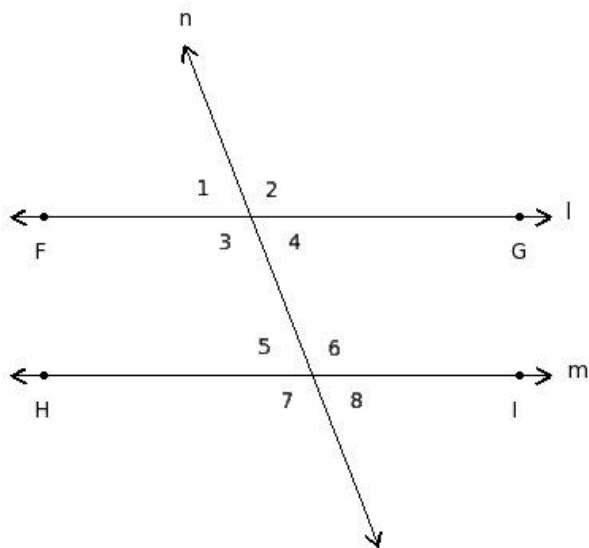
- (i) 14 (ii) 15 (iii) 18 (iv) 13 (v) 16

3. State the type of angle between the two hands of the clock when the time is 12 A.M.



- (i) reflex angle (ii) right angle (iii) acute angle (iv) zero angle (v) straight angle

4. Find the interior alternate angles in the given figure



- (i) $\angle 1, \angle 2, \angle 7, \angle 8$ (ii) $\angle 1, \angle 5; \angle 2, \angle 6; \angle 3, \angle 7; \angle 4, \angle 8$ (iii) $\angle 3, \angle 6; \angle 4, \angle 5$
- (iv) $\angle 1, \angle 4; \angle 2, \angle 3; \angle 5, \angle 8; \angle 6, \angle 7$ (v) $\angle 3, \angle 4, \angle 5, \angle 6$

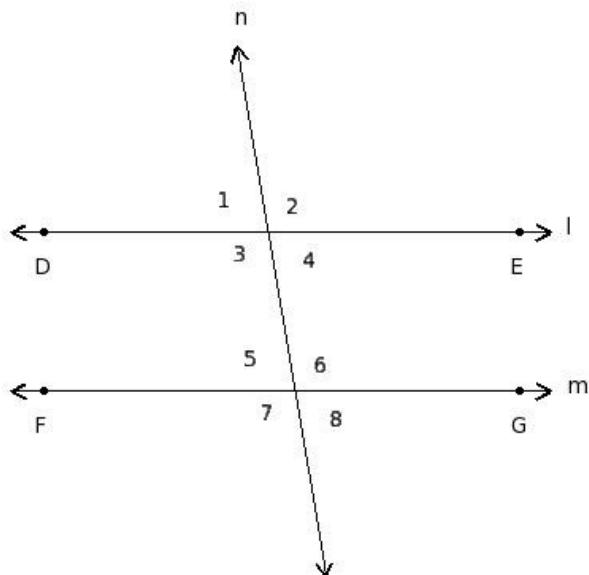
5. The representation \overleftrightarrow{FG} indicates

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

6. Points lying on the same line are called

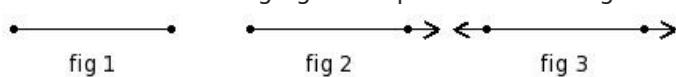
- (i) semi-linear points (ii) collinear points (iii) non-linear points (iv) linear points (v) concurrent points

7. Find the corresponding angles in the given figure



- (i) $\angle 3, \angle 5; \angle 4, \angle 6$ (ii) $\angle 1, \angle 8; \angle 2, \angle 7$ (iii) $\angle 1, \angle 5; \angle 2, \angle 6; \angle 3, \angle 7; \angle 4, \angle 8$
- (iv) $\angle 3, \angle 6; \angle 4, \angle 5$ (v) $\angle 3, \angle 4, \angle 5, \angle 6$

8. Which of the following figures represent a line segment?

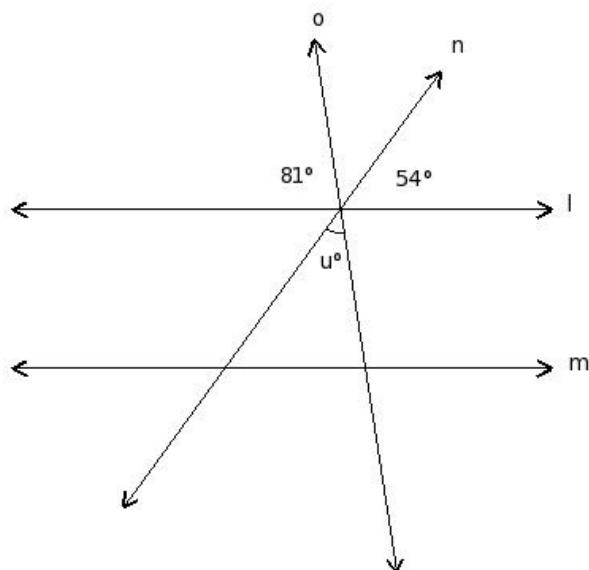


- (i) fig 3 (ii) fig 2 (iii) fig 1

9. The representation \overline{KL} indicates

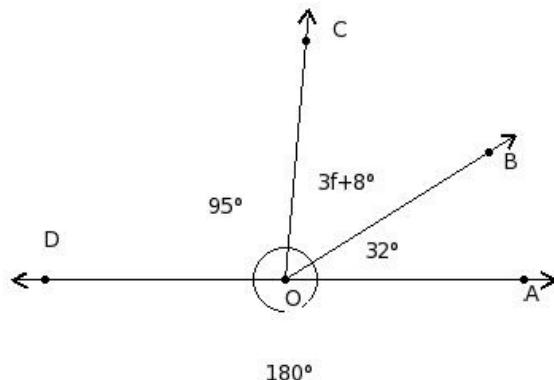
- (i) arc (ii) angle (iii) ray (iv) line (v) line segment

10. In the given figure $l \parallel m$. Find the value of ' u '



- (i) 60° (ii) 50° (iii) 55° (iv) 45° (v) 75°

11. Find the value of f in the figure below



- (i) 17 (ii) 15 (iii) 16 (iv) 12 (v) 14

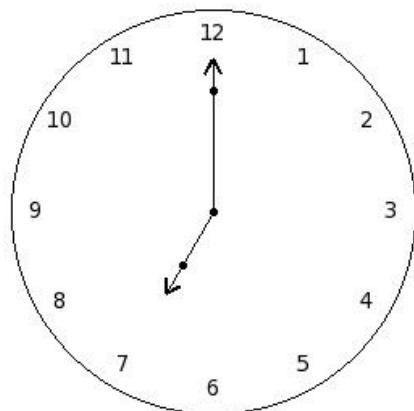
12. The representation \overrightarrow{HI} indicates

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

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

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

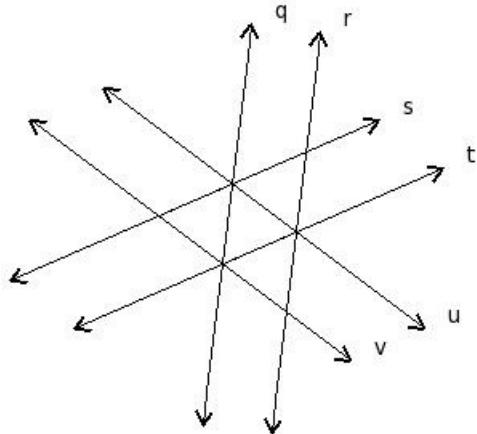
14. State the angle between the two hands of the clock when the time is 7 A.M.



- (i) 160° (ii) 150° (iii) 165° (iv) 180° (v) 155°

15. In the given figure, q , r , s , t , u , v are lines in a plane. By looking at the figure, which of the following are true?

- a) u is the transversal of s & t
- b) v is the transversal of s & q
- c) $q \parallel r$
- d) $q \parallel t$
- e) q is the transversal of s & u
- f) t is the transversal of q & r



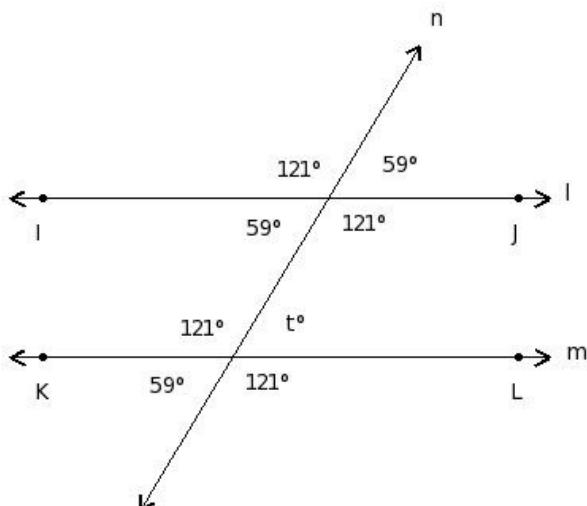
- (i) {d,e,c}
- (ii) {d,a}
- (iii) {e,b}
- (iv) {d,f,a}
- (v) {a,b,c,f}

16. Which of the following are true with respect to lines j , k , l , m where $j \parallel k$, $k \perp l$, $l \perp m$?

- a) $k \parallel m$
- b) $j \parallel m$
- c) $l \parallel m$
- d) $j \perp m$
- e) $j \parallel l$

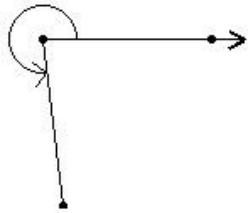
- (i) {c,a}
- (ii) {d,b}
- (iii) {e,c,a}
- (iv) {d,b,a}
- (v) {a,b}

17. Find the value of ' t '



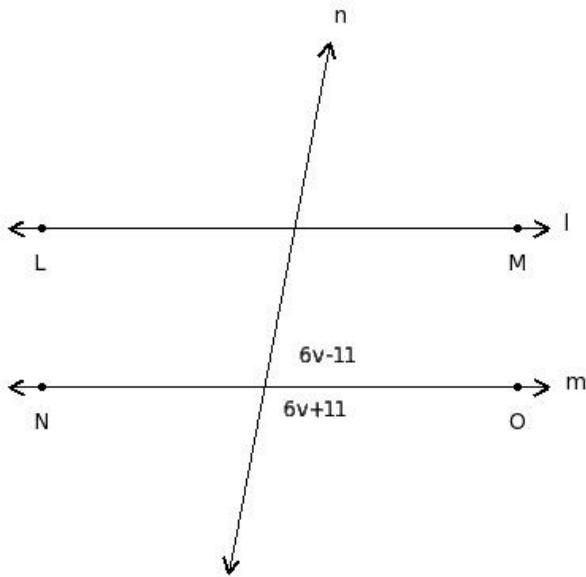
- (i) 74°
- (ii) 59°
- (iii) 89°
- (iv) 64°
- (v) 69°

18. The following angle represents



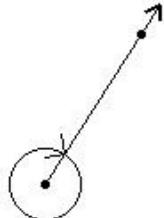
- (i) complete angle (ii) zero angle (iii) straight angle (iv) reflex angle (v) obtuse angle

19. In the given figure $l \parallel m$. Find the value of ' v '



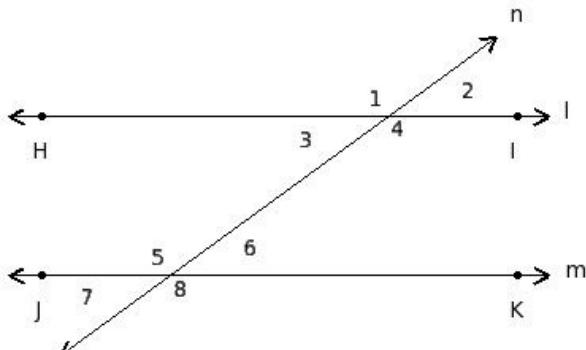
- (i) 14 (ii) 16 (iii) 17 (iv) 15 (v) 13

20. The following angle represents



- (i) straight angle (ii) right angle (iii) zero angle (iv) complete angle (v) obtuse angle

21. Find the vertically opposite angles in the given figure



- (i) $\angle 1, \angle 2; \angle 2, \angle 4; \angle 4, \angle 3; \angle 3, \angle 1; \angle 5, \angle 6; \angle 6, \angle 8; \angle 8, \angle 7; \angle 7, \angle 5$ (ii) $\angle 3, \angle 4, \angle 5, \angle 6$
(iii) $\angle 1, \angle 2, \angle 7, \angle 8$ (iv) $\angle 1, \angle 8; \angle 2, \angle 7$ (v) $\angle 1, \angle 4; \angle 2, \angle 3; \angle 5, \angle 8; \angle 6, \angle 7$

22. Consider the following figure \overleftrightarrow{YJ} . State which of the following statements are true?

- a) Z,K are end points of line segment

\overline{KY}

- b) Y,J are end points of line segment

\overline{PK}

- c) Y,J are end points of line segment

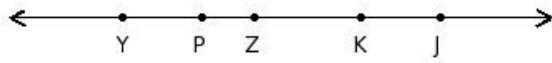
\overline{YJ}

- d) Y,P,Z,J,K are points on the line

\overleftrightarrow{YJ}

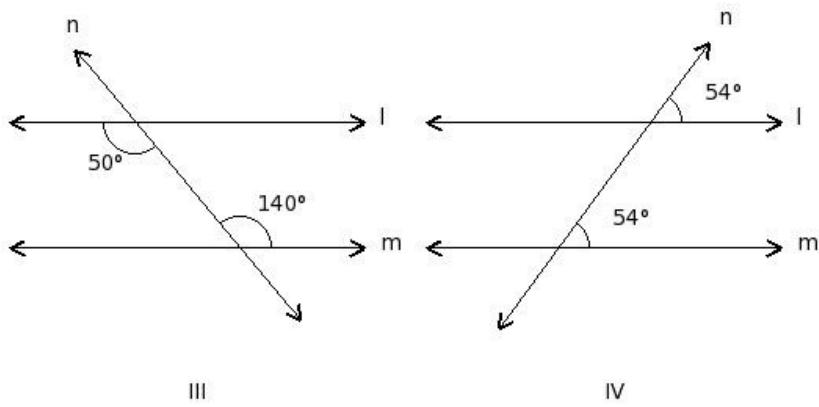
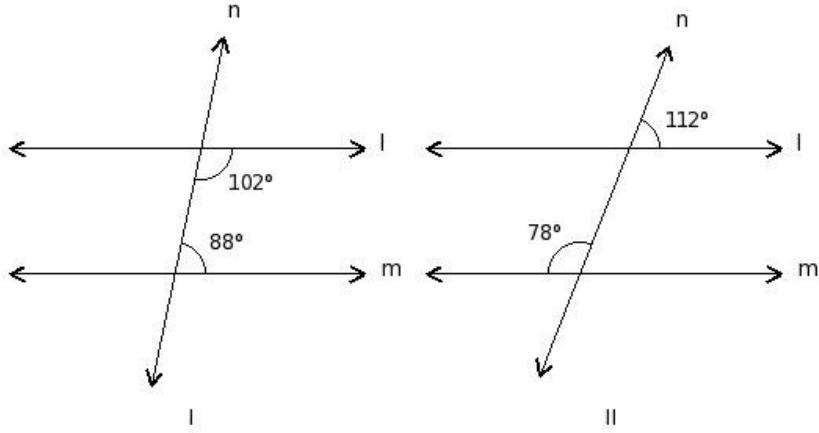
- e) Y,J are points on the line segment

\overline{PK}



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

23. In which of the figures given below, $l \parallel m$?



- (i) III (ii) II (iii) IV (iv) I

24. Find the complementary angles pair in the following

- (i) $104^\circ, 36^\circ$ (ii) $64^\circ, 16^\circ$ (iii) $84^\circ, 26^\circ$ (iv) $114^\circ, 46^\circ$ (v) $74^\circ, 16^\circ$

25. The following angle represents



- (i) zero angle (ii) obtuse angle (iii) complete angle (iv) reflex angle (v) acute angle

Assignment Key

1) (i)	2) (ii)	3) (iv)	4) (iii)	5) (v)	6) (ii)
7) (iii)	8) (iii)	9) (v)	10) (iv)	11) (ii)	12) (v)
13) (i)	14) (ii)	15) (v)	16) (v)	17) (ii)	18) (iv)
19) (iv)	20) (iv)	21) (v)	22) (ii)	23) (iii)	24) (v)
25) (i)					

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