



1. Points lying on the same line are called

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

2. The complementary angle of 57° is

- (i) 38° (ii) 48° (iii) 63° (iv) 33° (v) 43°

3. Which of the following is a reflex angle?

- (i) 312° (ii) 0° (iii) 35° (iv) 130° (v) 180°

4. Which of the following is a zero angle?

- (i) 0° (ii) 191° (iii) 53° (iv) 90° (v) 360°

5. Where will the hour hand of a clock stop, if it starts from 2 and makes $\frac{5}{6}$ of a revolution clockwise?

- (i) 13 (ii) 14 (iii) 11 (iv) 9 (v) 12

6. The following angle represents

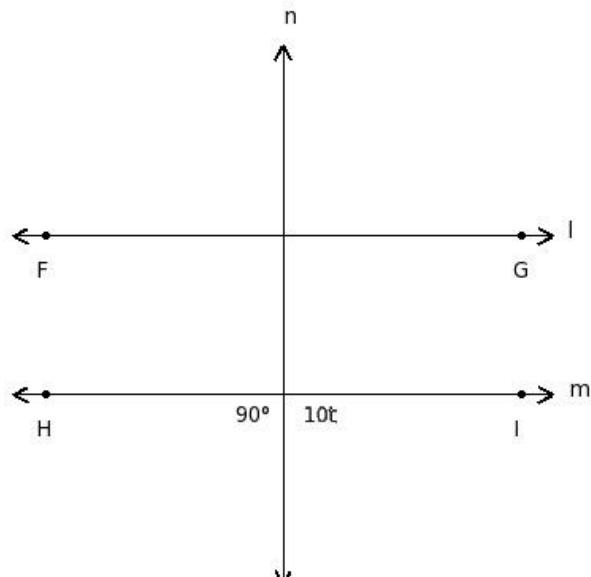


- (i) zero angle (ii) obtuse angle (iii) complete angle (iv) right angle (v) reflex angle

7. Subtract $17^\circ 15' 25''$ from $20^\circ 13' 46''$

- (i) $12^\circ 58' 21''$ (ii) $2^\circ 58' 21''$ (iii) $12^\circ 11' 39''$ (iv) $2^\circ 58' 31''$ (v) $3^\circ 8' 21''$

8. In the given figure $l \parallel m$. Find the value of 't'

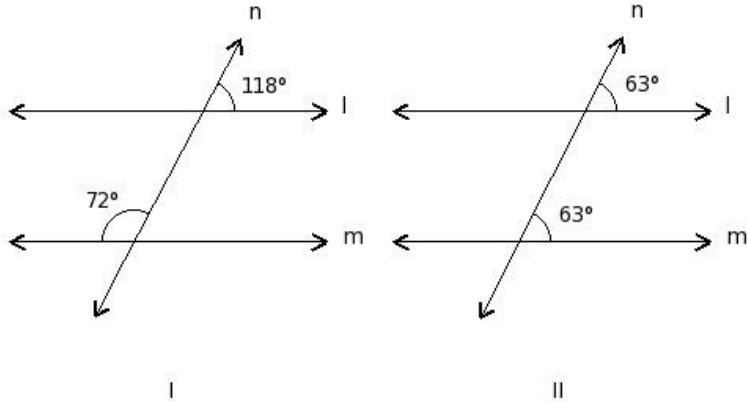


- (i) 7 (ii) 12 (iii) 8 (iv) 9 (v) 10

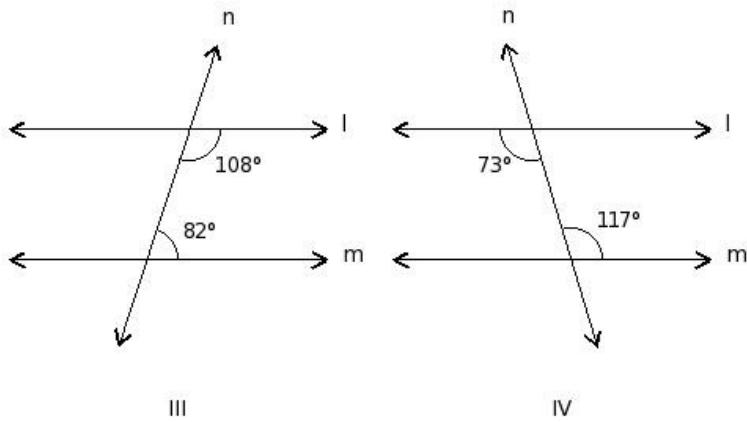
9. Multiple lines which do not meet each other are called

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

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



II

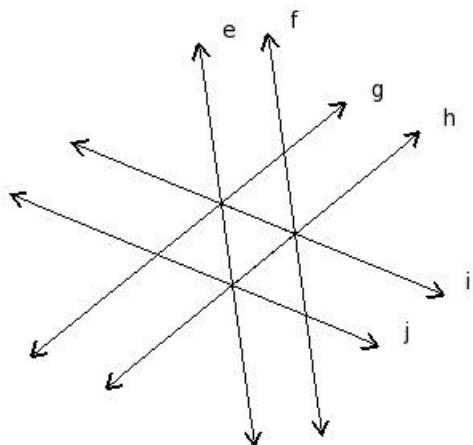


IV

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

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

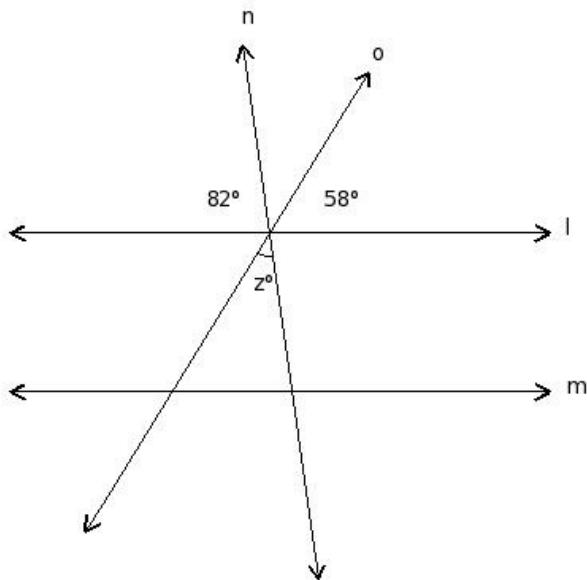


- (i) {d,b} (ii) {c,f,a} (iii) {a,b,e,f} (iv) {c,d,e} (v) {c,a}

12. Where will the hour hand of a clock stop, if it starts from 6 and turns through 1 right angle?

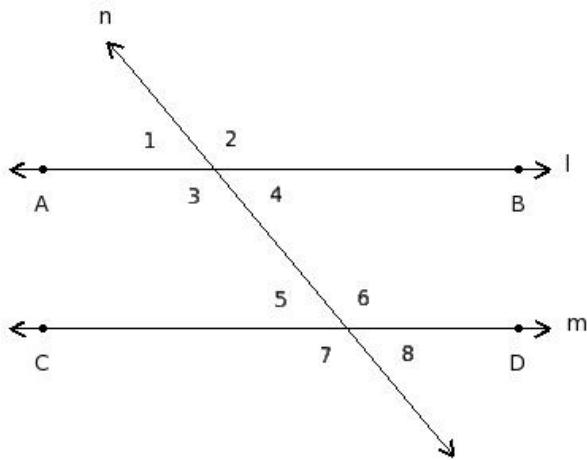
- (i) 7 (ii) 10 (iii) 8 (iv) 11 (v) 9

13. In the given figure $l \parallel m$. Find the value of 'z'



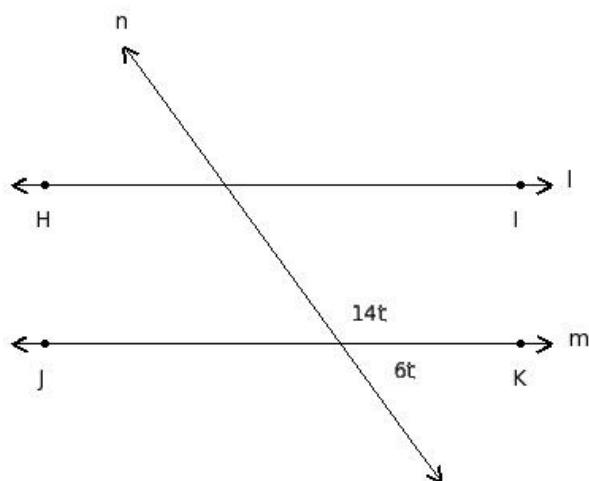
- (i) 55° (ii) 40° (iii) 70° (iv) 45° (v) 50°

14. Find the interior angles in the given figure



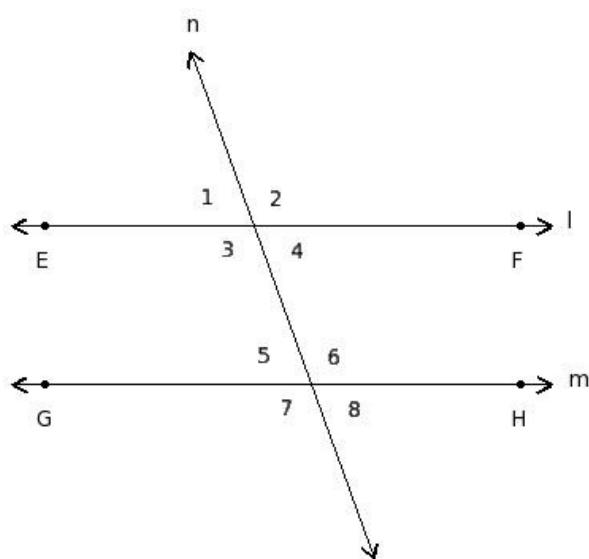
- (i) $\angle 1, \angle 2 ; \angle 2, \angle 4 ; \angle 4, \angle 3 ; \angle 3, \angle 1 ; \angle 5, \angle 6 ; \angle 6, \angle 8 ; \angle 8, \angle 7 ; \angle 7, \angle 5$
- (ii) $\angle 1, \angle 5 ; \angle 2, \angle 6 ; \angle 3, \angle 7 ; \angle 4, \angle 8$ (iii) $\angle 3, \angle 4, \angle 5,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

15. In the given figure $l \parallel m$. Find the value of 't'



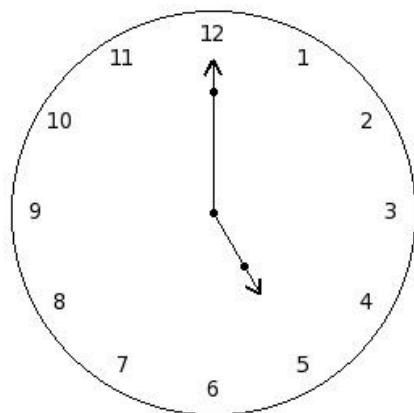
- (i) 6 (ii) 10 (iii) 9 (iv) 12 (v) 8

16. Find the vertically opposite angles in the given figure



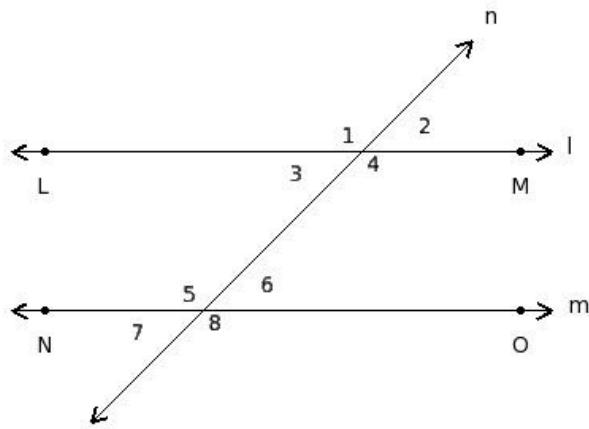
- (i) $\angle 3, \angle 5; \angle 4, \angle 6$ (ii) $\angle 1, \angle 5; \angle 2, \angle 6; \angle 3, \angle 7; \angle 4, \angle 8$
(iii) $\angle 1, \angle 2; \angle 2, \angle 4; \angle 4, \angle 3; \angle 3, \angle 1; \angle 5, \angle 6; \angle 6, \angle 8; \angle 8, \angle 7; \angle 7, \angle 5$
(iv)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

17. State the type of angle between the two hands of the clock when the time is 5 A.M.



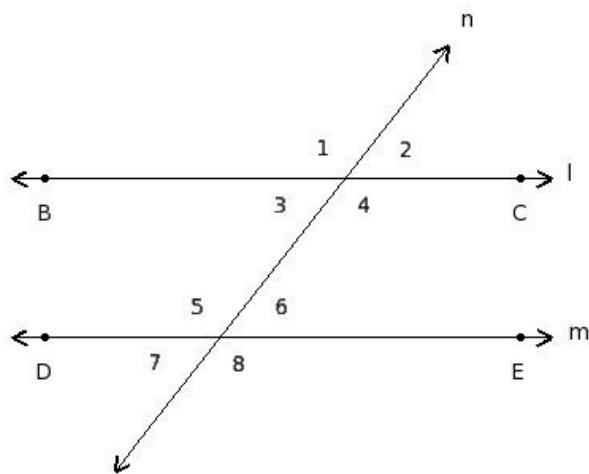
- (i) obtuse angle (ii) zero angle (iii) acute angle (iv) straight angle (v) reflex angle

18. Find the exterior angles in the given figure



- (i) $\angle 3, \angle 4, \angle 5, \angle 6$ (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) $\angle 1, \angle 2, \angle 7, \angle 8$

19. Find the adjacent angles in the given figure

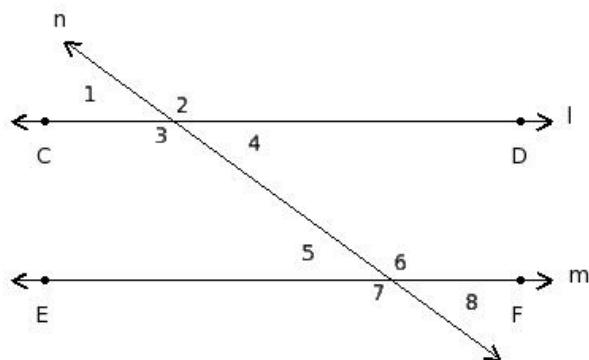


- (i) $\angle 1, \angle 8; \angle 2, \angle 7$ (ii) $\angle 3, \angle 6; \angle 4, \angle 5$
- (iii) $\angle 1, \angle 2; \angle 2, \angle 4; \angle 4, \angle 3; \angle 3, \angle 1; \angle 5, \angle 6; \angle 6, \angle 8; \angle 8, \angle 7; \angle 7, \angle 5$
- (iv) $\angle 1, \angle 4; \angle 2, \angle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

20. Which of the following is a complete angle?

- (i) 180° (ii) 26° (iii) 360° (iv) 286° (v) 0°

21. Find the co-interior angles in the given figure

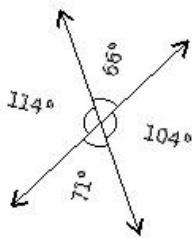


- (i) $\angle 1, \angle 2; \angle 2, \angle 4; \angle 4, \angle 3; \angle 3, \angle 1; \angle 5, \angle 6; \angle 6, \angle 8; \angle 8, \angle 7; \angle 7, \angle 5$ (ii) $\angle 3, \angle 6; \angle 4, \angle 5$
- (iii) $\angle 1, \angle 8; \angle 2, \angle 7$ (iv) $\angle 3, \angle 5; \angle 4, \angle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

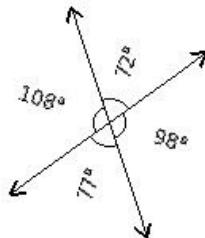
22. The supplementary angle of 179° is

- (i) 31° (ii) 11° (iii) 6° (iv) 16° (v) 1°

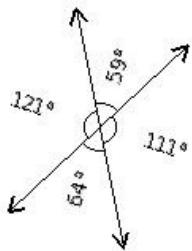
23. Which of the given figures is correct?



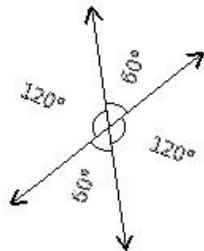
I



II



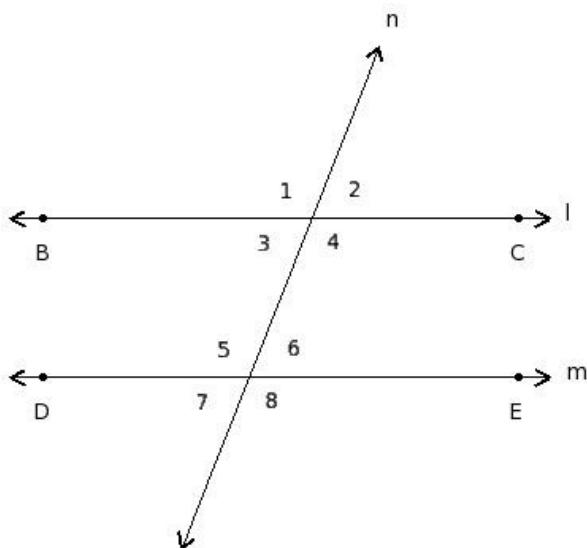
III



IV

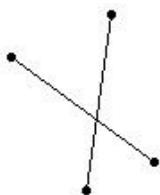
- (i) III (ii) IV (iii) II (iv) I

24. Find the corresponding angles in the given figure



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

25. The following lines represent



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

Assignment Key

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

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