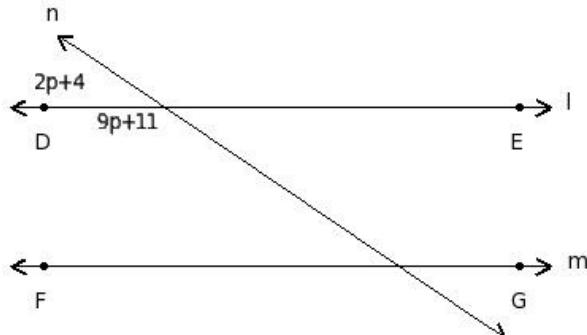


1. Which of the following is a complete angle?

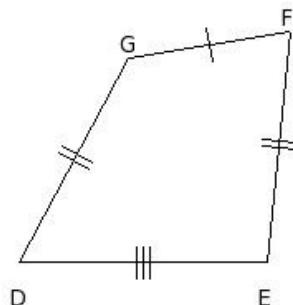
- (i) 180° (ii) 360° (iii) 214° (iv) 90° (v) 55°

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



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

3. Identify the figure below

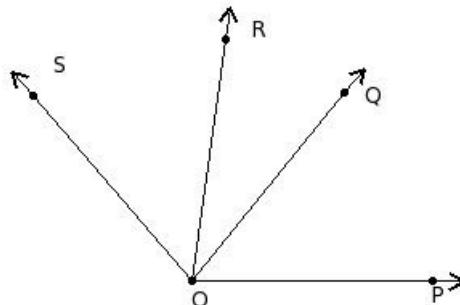


- (i) circle (ii) nonagon (iii) pentagon (iv) hexagon (v) quadrilateral

4. Which of the following pairs of angles are supplementary?

- (i) $68^\circ 1' 53''$, $111^\circ 58' 7''$ (ii) $68^\circ 1' 53''$, $112^\circ 8' 7''$ (iii) $67^\circ 51' 53''$, $111^\circ 58' 7''$ (iv) $68^\circ 11' 53''$, $111^\circ 38' 7''$
- (v) $68^\circ 1' 53''$, $111^\circ 48' 7''$

5. Which of the following is the largest angle in the given figure?



- (i) $\angle POS$ (ii) $\angle QOR$ (iii) $\angle QOS$ (iv) $\angle POQ$ (v) $\angle POR$

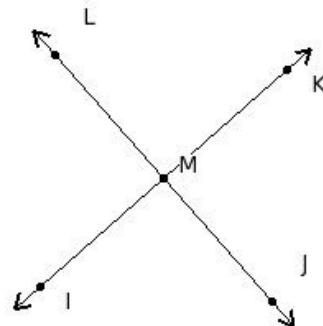
6. The following angle represents



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

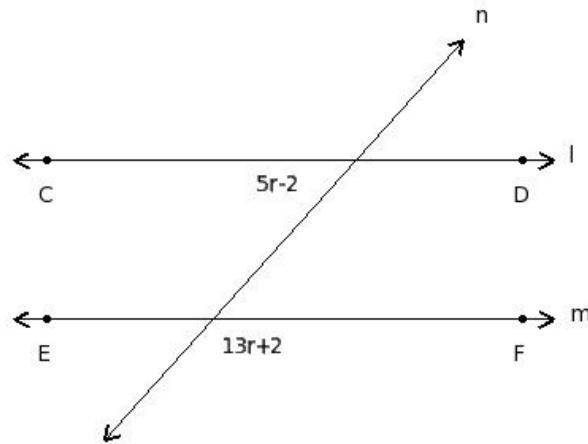
7. Which of the following points are collinear?

- a) K, M, L
- b) J, M, K
- c) M, L, K
- d) I, M, K
- e) L, M, J



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

8. In the given figure $l \parallel m$. Find the value of 'r'

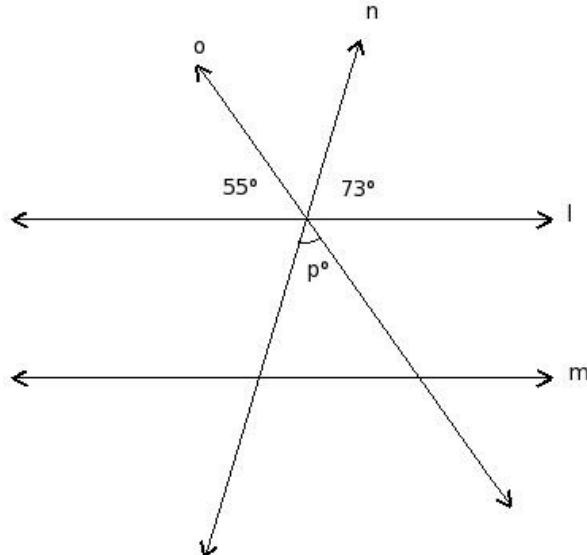


- (i) 11 (ii) 9 (iii) 10 (iv) 13 (v) 8

9. Which of the following is an obtuse angle?

- (i) 180° (ii) 0° (iii) 157° (iv) 283° (v) 90°

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



- (i) 57° (ii) 52° (iii) 67° (iv) 82° (v) 62°

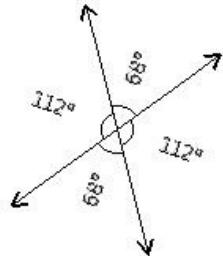
11. A line that intersects two lines at two different points is called

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

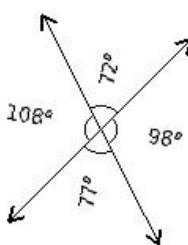
12. Find the complementary angles pair in the following

- (i) $113^\circ, 47^\circ$ (ii) $63^\circ, 17^\circ$ (iii) $73^\circ, 17^\circ$ (iv) $103^\circ, 37^\circ$ (v) $83^\circ, 27^\circ$

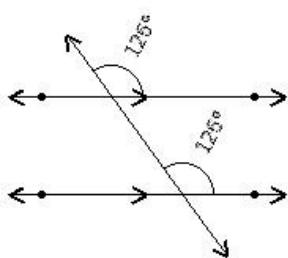
13. Which of the given figures is wrong?



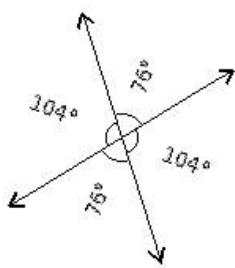
I



II



III



IV

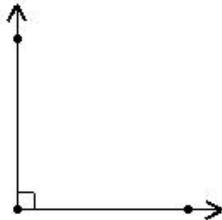
- (i) IV (ii) III (iii) II (iv) I

14. Which of the following are true?

- a) A ray has an infinite number of points on it
- b) A line has an infinite number of points on it
- c) Small letters are used to represent lines
- d) Capital letters are used to represent points
- e) The length of a line segment cannot be determined

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

15. The following angle represents



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

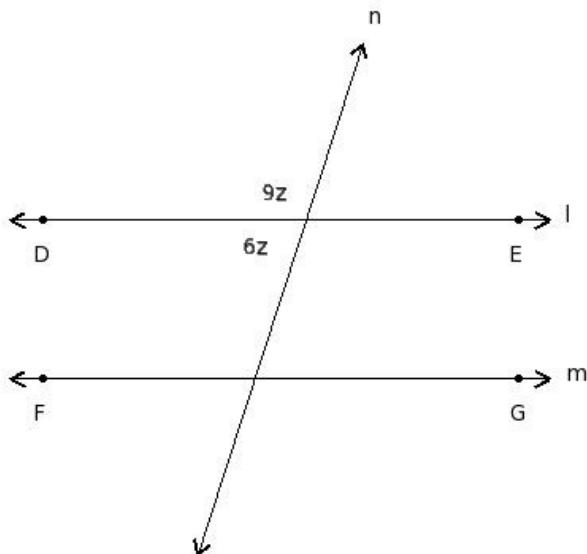
16. Which of the following pairs of angles are complementary?

- (i) $67^\circ 22' 10'', 22^\circ 27' 50''$ (ii) $67^\circ 32' 10'', 22^\circ 17' 50''$ (iii) $67^\circ 22' 10'', 22^\circ 47' 50''$
- (iv) $67^\circ 12' 10'', 22^\circ 37' 50''$ (v) $67^\circ 22' 10'', 22^\circ 37' 50''$

17. Which of the following are true?

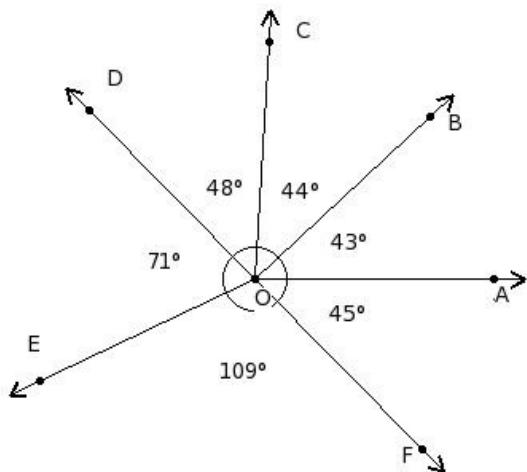
- a) If two lines are parallel to the same line, then they are perpendicular to each other
 - b) If $f \perp g$ and $g \perp h$, then $f \perp h$
 - c) If $f \parallel g$ and $g \parallel h$, then $f \parallel h$
 - d) If two lines are parallel to the same line, then they are parallel to each other
 - e) If $f \perp g$ and $f \perp h$, then $g \perp h$
- (i) {a,c} (ii) {b,d} (iii) {c,d} (iv) {e,a,c} (v) {b,d,c}

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



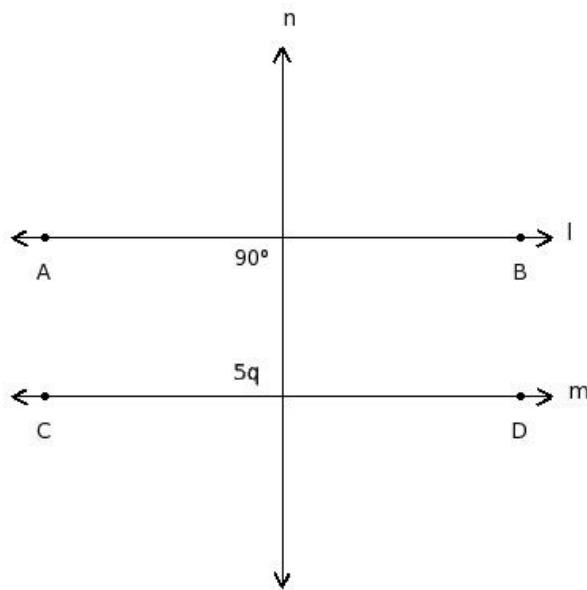
- (i) 9 (ii) 13 (iii) 11 (iv) 12 (v) 14

19. Which of the following angles form a linear pair?



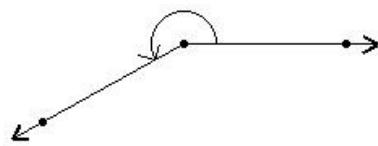
- (i) ($\angle AOB, \angle BOC$) (ii) ($\angle DOE, \angle EOF$) (iii) ($\angle BOC, \angle COD$) (iv) ($\angle COD, \angle DOE$) (v) ($\angle EOF, \angle FOA$)

20. In the given figure $l \parallel m$. Find the value of 'q'



- (i) 17 (ii) 21 (iii) 19 (iv) 18 (v) 15

21. The following angle represents



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

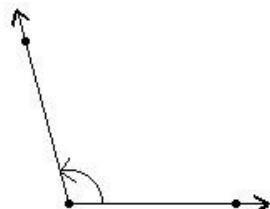
22. The representation \overrightarrow{MN} indicates

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

23. Which of the following is an acute angle?

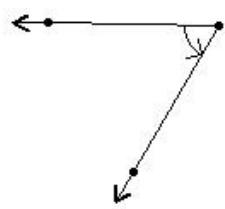
- (i) 71° (ii) 90° (iii) 180° (iv) 360° (v) 0°

24. The following angle represents



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

25. The following angle represents



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

Assignment Key

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

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