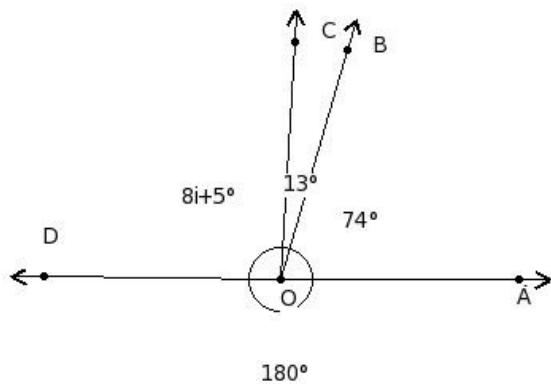




1. Find the value of i in the figure below



- (i) 13 (ii) 8 (iii) 12 (iv) 11 (v) 10

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

- (i) $20^\circ 18' 27''$, $159^\circ 31' 33''$ (ii) $20^\circ 8' 27''$, $160^\circ 1' 33''$ (iii) $20^\circ 8' 27''$, $159^\circ 51' 33''$
(iv) $20^\circ 8' 27''$, $159^\circ 41' 33''$ (v) $19^\circ 58' 27''$, $159^\circ 51' 33''$

3. The following angle represents

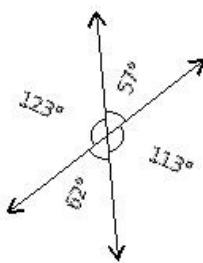


- (i) acute angle (ii) complete angle (iii) obtuse angle (iv) reflex angle (v) straight angle

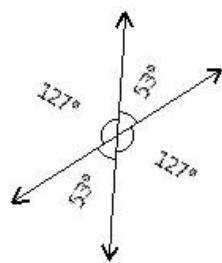
4. Which of the following is a zero angle?

- (i) 90° (ii) 228° (iii) 0° (iv) 180° (v) 360°

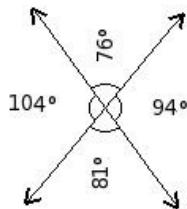
5. Which of the given figures is correct?



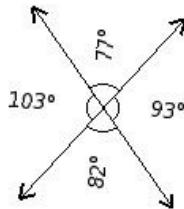
I



II



III



IV

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

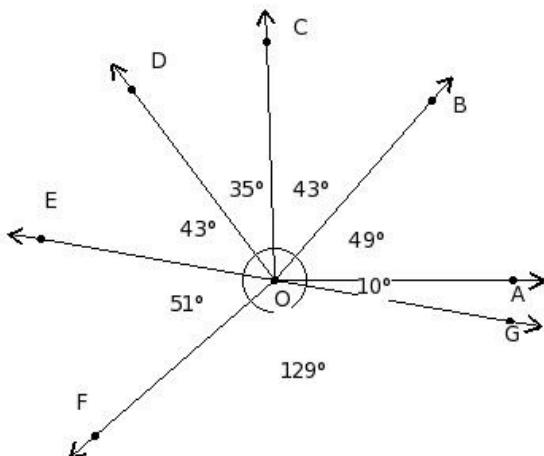
6. Find the complementary angles pair in the following

- (i) $57^\circ, 23^\circ$ (ii) $107^\circ, 53^\circ$ (iii) $77^\circ, 33^\circ$ (iv) $67^\circ, 23^\circ$ (v) $97^\circ, 43^\circ$

7. The complementary angle of 22° is

- (i) 68° (ii) 83° (iii) 98° (iv) 78° (v) 73°

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



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

9. The following angle represents



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

10. Which of the following is a straight angle?
(i) 360° (ii) 180° (iii) 90° (iv) 0° (v) 132°

11. Subtract $34^\circ 47' 48''$ from $49^\circ 39' 4''$
(i) $14^\circ 51' 16''$ (ii) $15^\circ 1' 16''$ (iii) $14^\circ 51' 26''$ (iv) $18' 44''$ (v) $24^\circ 51' 16''$

12. The following angle represents

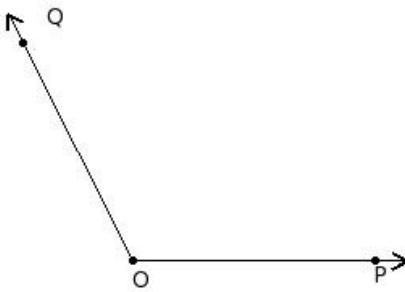


- (i) obtuse angle (ii) right angle (iii) straight angle (iv) complete angle (v) zero angle

13. The supplementary angle of 125° is

- (i) 55° (ii) 85° (iii) 65° (iv) 60° (v) 70°

14. The name of the given angle is

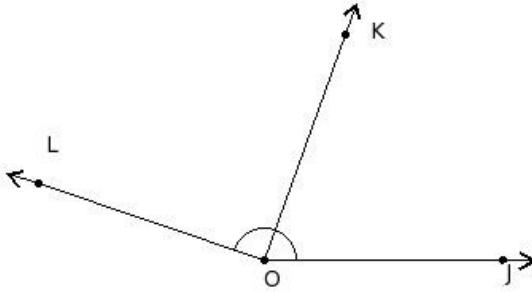


- (i) $\angle QPO$ (ii) $\triangle POQ$ (iii) $\angle PQO$ (iv) $\angle PQ$ (v) $\angle POQ$

15. Which of the following is a complete angle?

- (i) 90° (ii) 360° (iii) 180° (iv) 277° (v) 0°

16. Which of the following are adjacent angles in the below figure?



- (i) $\angle KOL$, $\angle MON$ (ii) $\angle JOK$, $\angle KOL$ (iii) $\angle LOJ$, $\angle NOO$ (iv) $\angle MON$, $\angle KOL$ (v) $\angle NOO$, $\angle KOL$

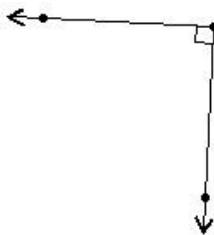
17. Which of the following pairs of angles are complementary?

- (i) $46^\circ 56' 51'', 43^\circ 13' 9''$ (ii) $46^\circ 56' 51'', 43^\circ 3' 9''$ (iii) $46^\circ 56' 51'', 42^\circ 53' 9''$ (iv) $46^\circ 46' 51'', 43^\circ 3' 9''$
(v) $47^\circ 6' 51'', 42^\circ 43' 9''$

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

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

19. The following angle represents



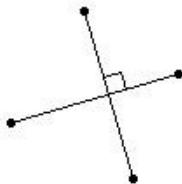
- (i) zero angle (ii) right angle (iii) obtuse angle (iv) reflex angle (v) straight angle

20. The following angle represents



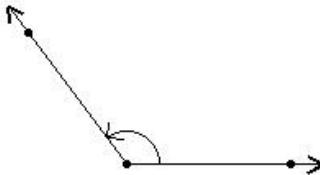
- (i) zero angle (ii) reflex angle (iii) obtuse angle (iv) straight angle (v) right angle

21. The following lines represent



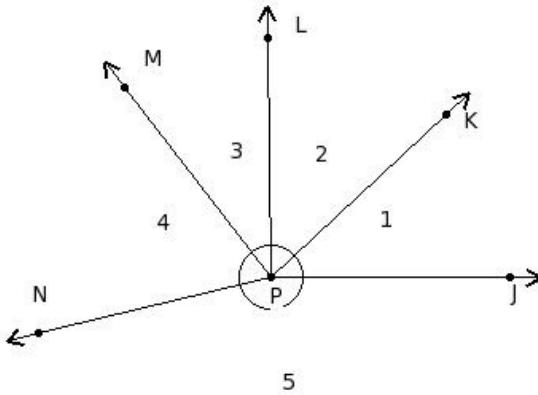
- (i) concurrent lines (ii) parallel lines (iii) intersecting lines (iv) perpendicular lines (v) coplanar lines

22. The following angle represents



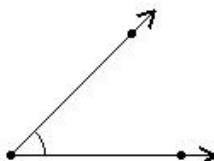
- (i) acute angle (ii) zero angle (iii) right angle (iv) reflex angle (v) obtuse angle

23. Which of the following are adjacent angles in the below figure?



- (i) $\angle LPM$, $\angle NPJ$ (ii) $\angle MPN$, $\angle KPL$ (iii) $\angle NPJ$, $\angle KPL$ (iv) $\angle KPL$, $\angle MPN$ (v) $\angle JPK$, $\angle KPL$

24. Identify the figure below



- (i) angle (ii) nonagon (iii) heptagon (iv) quadrilateral (v) triangle

25. Which of the following is a reflex angle?

- (i) 135° (ii) 327° (iii) 0° (iv) 90° (v) 180°

Assignment Key

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

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