



1. Which of the following figures represent an angle?

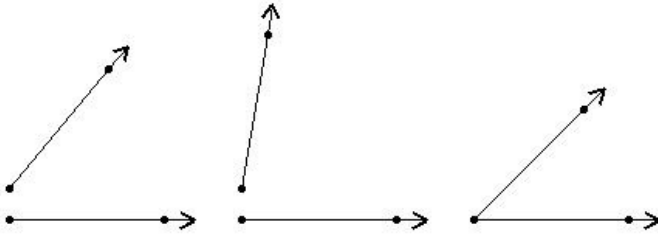


fig 1

fig 2

fig 3

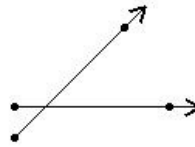


fig 4

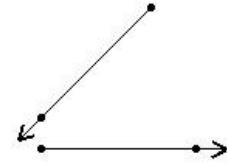
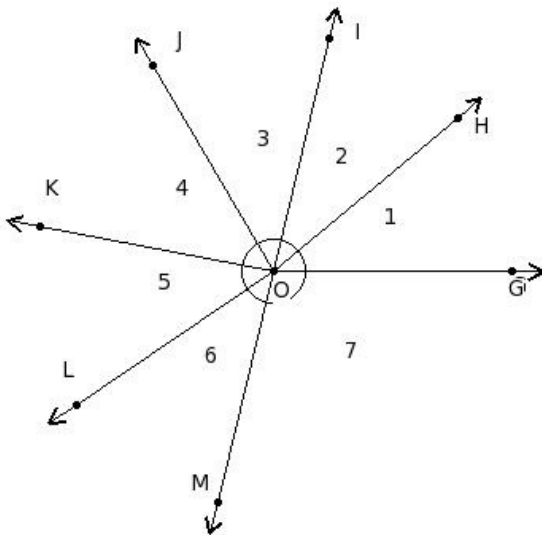


fig 5

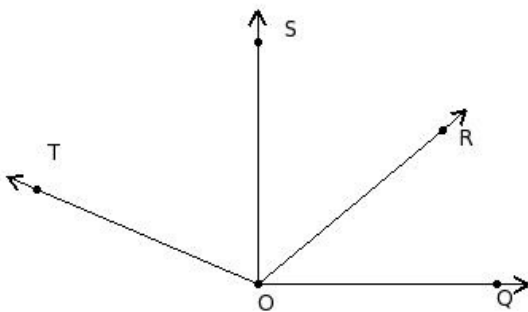
(i) fig 4 (ii) fig 2 (iii) fig 5 (iv) fig 1 (v) fig 3

2. The name of angle 7 in the given figure is



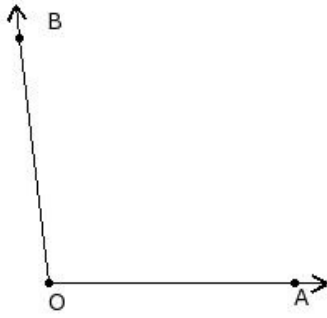
(i) $\angle JOK$ (ii) $\angle IOJ$ (iii) $\angle GOH$ (iv) $\angle MOG$ (v) $\angle KOL$

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



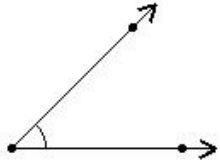
(i) $\angle QOT$ (ii) $\angle ROT$ (iii) $\angle QOS$ (iv) $\angle QOR$ (v) $\angle ROS$

4. The name of the given angle is



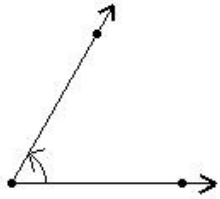
- (i) $\angle AB$ (ii) $\angle BAO$ (iii) $\triangle AOB$ (iv) $\angle AOB$ (v) $\angle ABO$

5. Identify the figure below



- (i) nonagon (ii) heptagon (iii) pentagon (iv) octagon (v) angle

6. The following angle represents



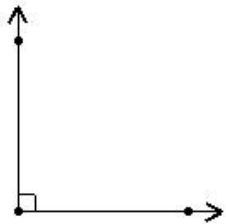
- (i) reflex angle (ii) acute angle (iii) zero angle (iv) complete angle (v) straight angle

7. The following angle represents



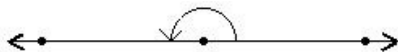
- (i) zero angle (ii) right angle (iii) acute angle (iv) complete angle (v) obtuse angle

8. The following angle represents



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

9. The following angle represents



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

10. The following angle represents



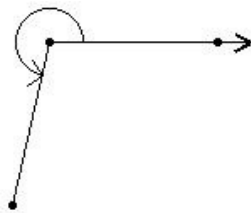
- (i) complete angle (ii) acute angle (iii) zero angle (iv) reflex angle (v) straight angle

11. The following angle represents



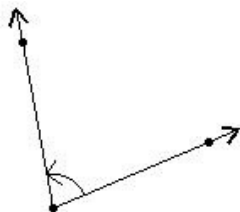
- (i) acute angle (ii) straight angle (iii) zero angle (iv) right angle (v) reflex angle

12. The following angle represents



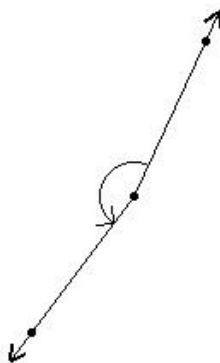
- (i) complete angle (ii) reflex angle (iii) right angle (iv) straight angle (v) acute angle

13. The following angle represents



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

14. The following angle represents



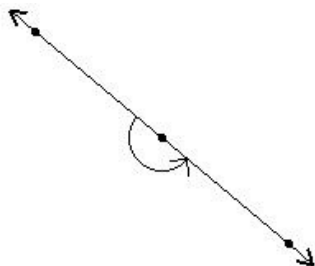
- (i) reflex angle (ii) acute angle (iii) zero angle (iv) complete angle (v) obtuse angle

15. The following angle represents



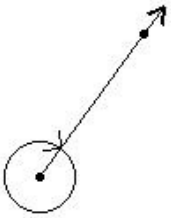
- (i) obtuse angle (ii) acute angle (iii) zero angle (iv) reflex angle (v) right angle

16. The following angle represents



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

17. The following angle represents



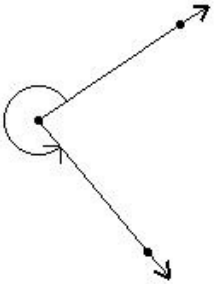
- (i) zero angle (ii) complete angle (iii) right angle (iv) acute angle (v) reflex angle

18. The following angle represents



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

19. The following angle represents



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

20. The complementary angle of 72° is

- (i) 23° (ii) 33° (iii) 28° (iv) 48° (v) 18°

21. The supplementary angle of 147° is

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

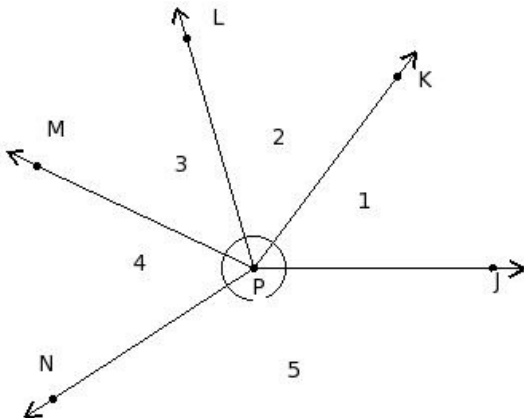
22. Find the complementary angles pair in the following

- (i) $59^\circ, 31^\circ$ (ii) $49^\circ, 31^\circ$ (iii) $89^\circ, 51^\circ$ (iv) $69^\circ, 41^\circ$ (v) $99^\circ, 61^\circ$

23. Find the supplementary angles pair in the following

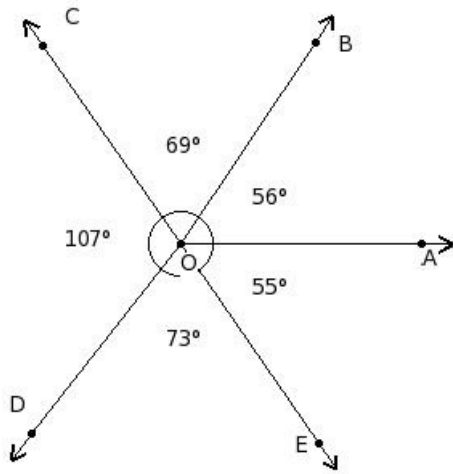
- (i) $105^\circ, 75^\circ$ (ii) $115^\circ, 85^\circ$ (iii) $135^\circ, 95^\circ$ (iv) $145^\circ, 105^\circ$ (v) $95^\circ, 75^\circ$

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



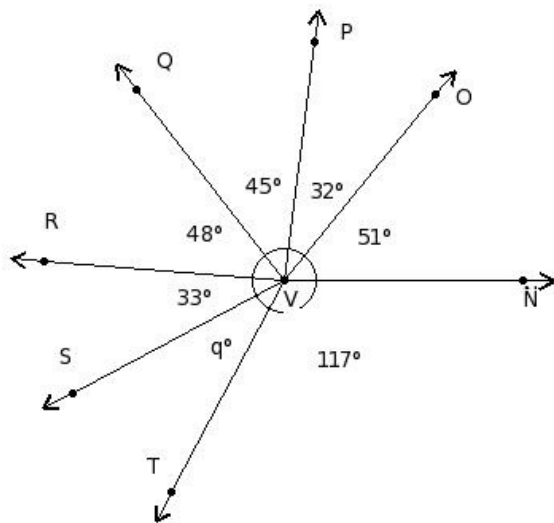
- (i) $\angle KPL$, $\angle MPN$ (ii) $\angle LPM$, $\angle NPJ$ (iii) $\angle NPJ$, $\angle KPL$ (iv) $\angle JPK$, $\angle KPL$ (v) $\angle MPN$, $\angle KPL$

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



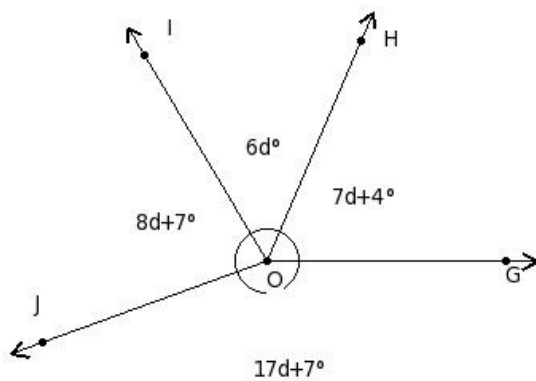
- (i) $(\angle COD, \angle DOE)$ (ii) $(\angle AOB, \angle BOC)$ (iii) $(\angle DOE, \angle EOA)$ (iv) $(\angle BOC, \angle COD)$

26. Find the value of 'q' in the following figure



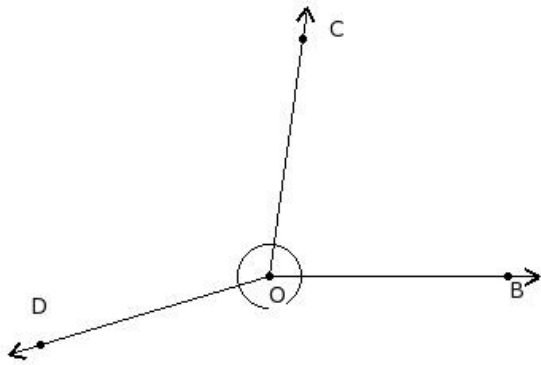
- (i) 34° (ii) 64° (iii) 49° (iv) 44° (v) 39°

27. Find the value of 'd' in the following figure



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

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



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

29. Find the complementary angle of $58^\circ 4' 58''$

- (i) $41^\circ 55' 2''$ (ii) $31^\circ 55' 12''$ (iii) $16^\circ 45' 2''$ (iv) $32^\circ 5' 2''$ (v) $31^\circ 55' 2''$

30. Find the supplementary angle of $140^\circ 36' 49''$

- (i) $24^\circ 13' 11''$ (ii) $39^\circ 23' 11''$ (iii) $39^\circ 33' 11''$ (iv) $49^\circ 23' 11''$ (v) $39^\circ 23' 21''$

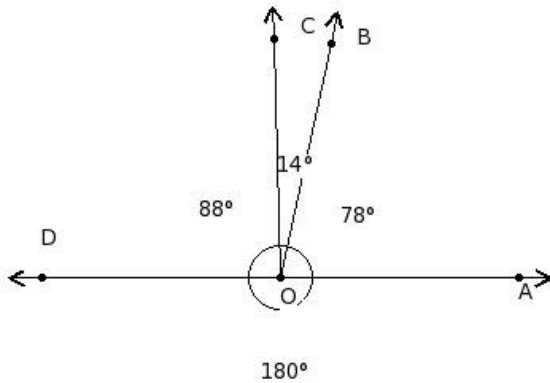
31. Which of the following pairs of angles are complementary?

- (i) $25^\circ 44' 50''$, $64^\circ 15' 10''$ (ii) $25^\circ 54' 50''$, $63^\circ 55' 10''$ (iii) $25^\circ 44' 50''$, $64^\circ 25' 10''$
 (iv) $25^\circ 44' 50''$, $64^\circ 5' 10''$ (v) $25^\circ 34' 50''$, $64^\circ 15' 10''$

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

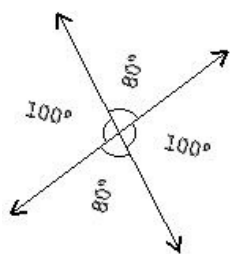
- (i) $106^\circ 6' 27''$, $73^\circ 53' 33''$ (ii) $106^\circ 6' 27''$, $73^\circ 43' 33''$ (iii) $106^\circ 16' 27''$, $73^\circ 33' 33''$
 (iv) $106^\circ 6' 27''$, $74^\circ 3' 33''$ (v) $105^\circ 56' 27''$, $73^\circ 53' 33''$

33. Find the value of h in the figure below

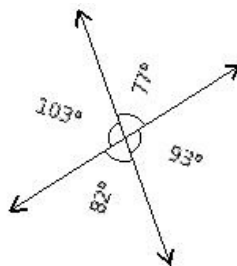


- (i) 22 (ii) 16 (iii) 19 (iv) 18 (v) 20

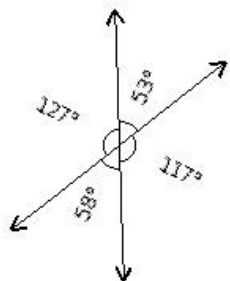
34. Which of the given figures is correct?



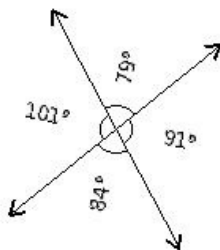
I



II



III



IV

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

35. Which of the following is an acute angle?

(i) 0° (ii) 253° (iii) 360° (iv) 90° (v) 36°

36. Which of the following is an obtuse angle?

(i) 360° (ii) 103° (iii) 0° (iv) 332° (v) 90°

37. Which of the following is a right angle?

(i) 269° (ii) 40° (iii) 0° (iv) 90° (v) 360°

38. Which of the following is a straight angle?

(i) 299° (ii) 139° (iii) 0° (iv) 180° (v) 90°

39. Which of the following is a complete angle?

(i) 118° (ii) 200° (iii) 360° (iv) 0° (v) 71°

40. Which of the following is a zero angle?

(i) 360° (ii) 0° (iii) 283° (iv) 90° (v) 100°

41. Which of the following is a reflex angle?

(i) 157° (ii) 0° (iii) 90° (iv) 205° (v) 57°

Assignment Key

1) (v)	2) (iv)	3) (i)	4) (iv)	5) (v)	6) (ii)
7) (v)	8) (iii)	9) (i)	10) (i)	11) (iii)	12) (ii)
13) (v)	14) (v)	15) (v)	16) (v)	17) (ii)	18) (iv)
19) (v)	20) (v)	21) (iii)	22) (i)	23) (i)	24) (iv)
25) (i)	26) (i)	27) (v)	28) (iii)	29) (v)	30) (ii)
31) (i)	32) (i)	33) (iii)	34) (ii)	35) (v)	36) (ii)
37) (iv)	38) (iv)	39) (iii)	40) (ii)	41) (iv)	