

1. Which of the following figures represent an angle?

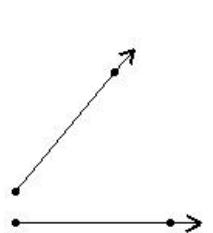


fig 1

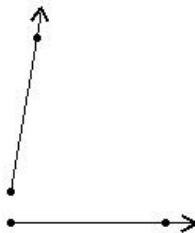


fig 2

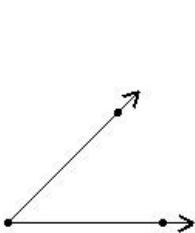


fig 3

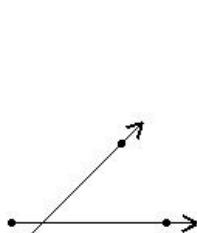


fig 4

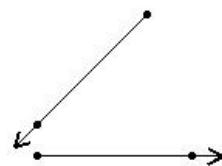
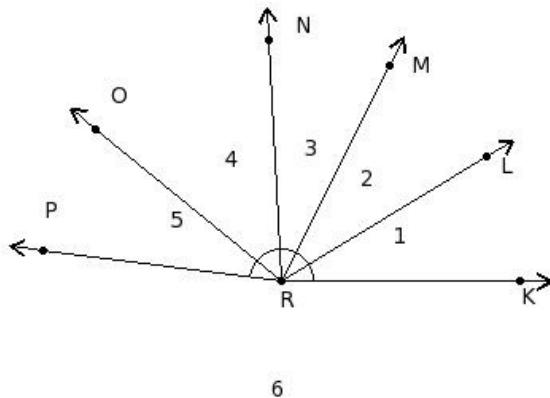


fig 5

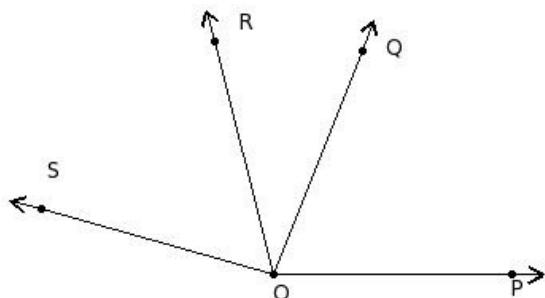
- (i) fig 2 (ii) fig 4 (iii) fig 5 (iv) fig 3 (v) fig 1

2. The name of angle 4 in the given figure is



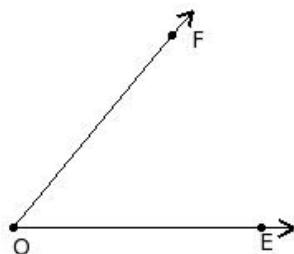
- (i) $\angle LRM$ (ii) $\angle ORP$ (iii) $\angle NRO$ (iv) $\angle KRL$ (v) $\angle MRN$

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



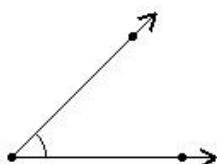
- (i) $\angle POQ$ (ii) $\angle POS$ (iii) $\angle QOR$ (iv) $\angle QOS$ (v) $\angle POR$

4. The name of the given angle is



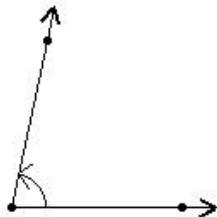
- (i) $\angle FEO$ (ii) $\triangle EOF$ (iii) $\angle EFO$ (iv) $\angle EF$ (v) $\angle EOF$

5. Identify the figure below



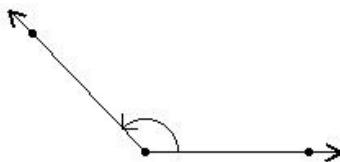
- (i) pentagon (ii) angle (iii) octagon (iv) heptagon (v) nonagon

6. The following angle represents



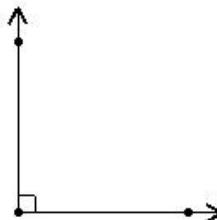
- (i) reflex angle (ii) right angle (iii) acute angle (iv) zero angle (v) obtuse angle

7. The following angle represents



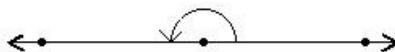
- (i) obtuse angle (ii) zero angle (iii) acute angle (iv) reflex angle (v) right angle

8. The following angle represents



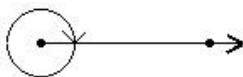
- (i) straight angle (ii) complete angle (iii) right angle (iv) reflex angle (v) obtuse angle

9. The following angle represents



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

10. The following angle represents



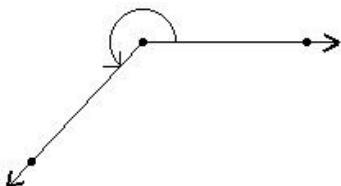
- (i) acute angle (ii) reflex angle (iii) obtuse angle (iv) complete angle (v) right angle

11. The following angle represents



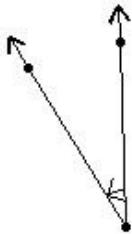
- (i) acute angle (ii) zero angle (iii) obtuse angle (iv) right angle (v) straight angle

12. The following angle represents



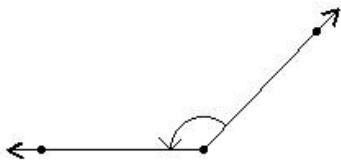
- (i) right angle (ii) straight angle (iii) reflex angle (iv) acute angle (v) zero angle

13. The following angle represents



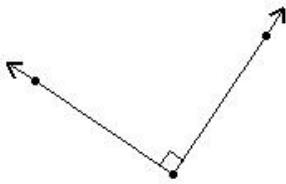
- (i) right angle (ii) reflex angle (iii) zero angle (iv) acute angle (v) complete angle

14. The following angle represents



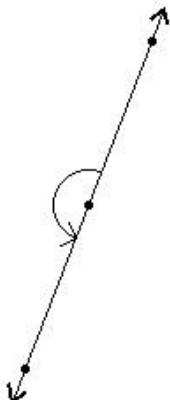
- (i) straight angle (ii) complete angle (iii) obtuse angle (iv) reflex angle (v) right angle

15. The following angle represents



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

16. The following angle represents



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

17. The following angle represents



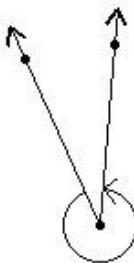
- (i) zero angle (ii) straight angle (iii) obtuse angle (iv) right angle (v) complete angle

18. The following angle represents



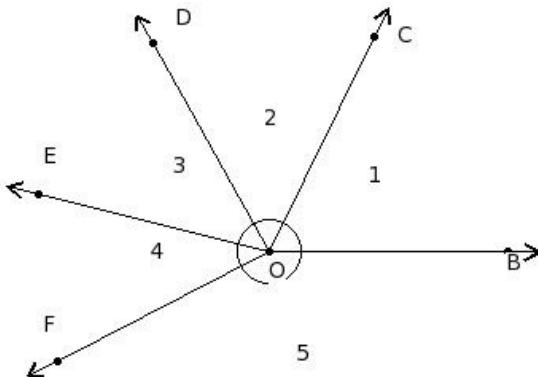
- (i) straight angle (ii) obtuse angle (iii) reflex angle (iv) zero angle (v) right angle

19. The following angle represents



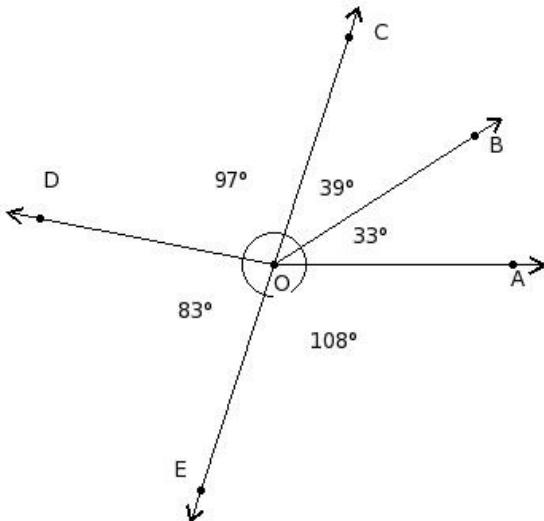
- (i) straight angle (ii) reflex angle (iii) acute angle (iv) zero angle (v) obtuse angle

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



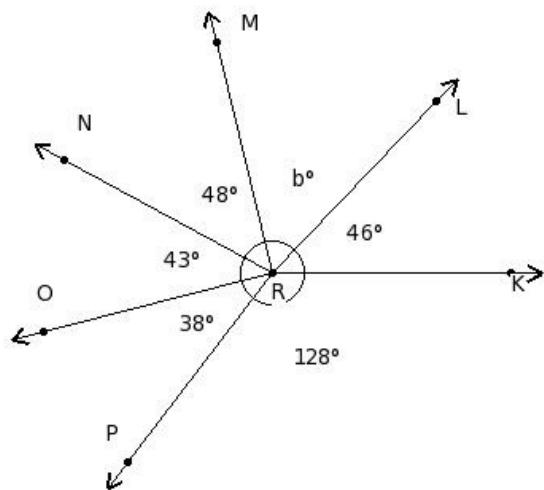
- (i) $\angle DOE, \angle FOB$ (ii) $\angle COD, \angle EOF$ (iii) $\angle BOC, \angle COD$ (iv) $\angle FOB, \angle COD$ (v) $\angle EOF, \angle COD$

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



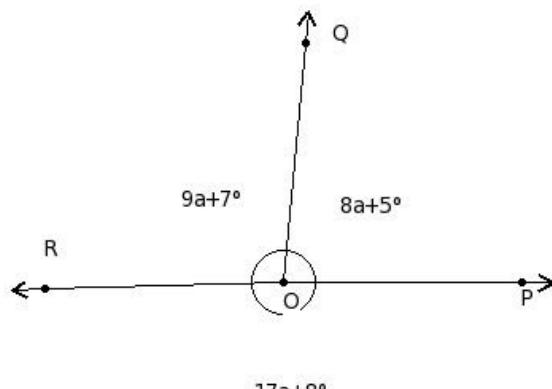
- (i) $(\angle BOC, \angle COD)$ (ii) $(\angle DOE, \angle EOA)$ (iii) $(\angle COD, \angle DOE)$ (iv) $(\angle AOB, \angle BOC)$

22. Find the value of 'b' in the following figure



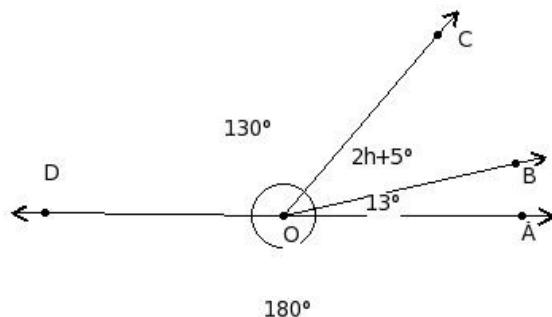
- (i) 67° (ii) 62° (iii) 57° (iv) 87° (v) 72°

23. Find the value of 'a' in the following figure



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

24. Find the value of h in the figure below



- (i) 17 (ii) 14 (iii) 15 (iv) 16 (v) 19

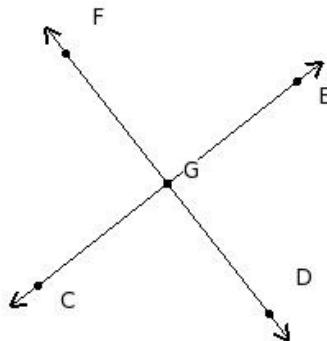
25. Which of the following are true?

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

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

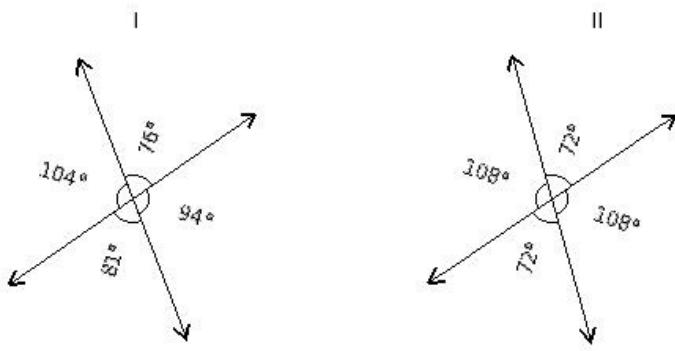
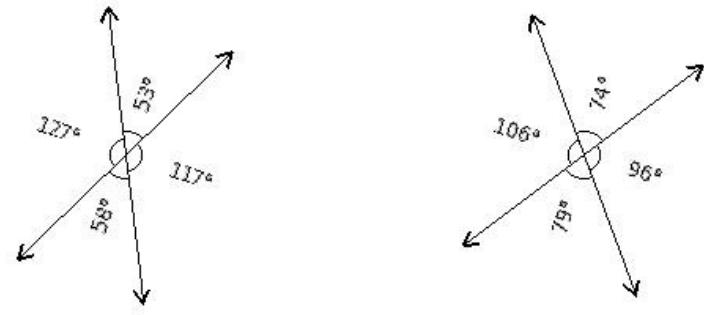
26. Which of the following points are collinear?

- a) D, G, E
- b) E, G, F
- c) G, F, E
- d) F, G, D
- e) C, G, E



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

27. Which of the given figures is correct?



III

IV

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

28. The complementary angle of 50° is

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

29. The supplementary angle of 139° is

- (i) 51° (ii) 41° (iii) 46° (iv) 56° (v) 71°

30. Find the complementary angles pair in the following

- (i) $88^\circ, 22^\circ$ (ii) $78^\circ, 12^\circ$ (iii) $68^\circ, 12^\circ$ (iv) $118^\circ, 42^\circ$ (v) $108^\circ, 32^\circ$

31. Find the supplementary angles pair in the following

- (i) $205^\circ, 25^\circ$ (ii) $165^\circ, 5^\circ$ (iii) $175^\circ, 5^\circ$ (iv) $215^\circ, 35^\circ$ (v) $185^\circ, 15^\circ$

32. Which of the following is an acute angle?

- (i) 0° (ii) 360° (iii) 74° (iv) 180° (v) 164°

33. Which of the following is an obtuse angle?

- (i) 223° (ii) 360° (iii) 90° (iv) 35° (v) 166°

34. Which of the following is a right angle?

- (i) 232° (ii) 168° (iii) 90° (iv) 180° (v) 360°

35. Which of the following is a straight angle?

- (i) 180° (ii) 114° (iii) 90° (iv) 235° (v) 25°

36. Which of the following is a complete angle?

- (i) 90° (ii) 0° (iii) 212° (iv) 20° (v) 360°

37. Which of the following is a zero angle?

- (i) 0° (ii) 46° (iii) 90° (iv) 360° (v) 180°

38. Which of the following is a reflex angle?

- (i) 210° (ii) 0° (iii) 360° (iv) 180° (v) 133°

Assignment Key

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