



1. Which of the following figures represent an angle?

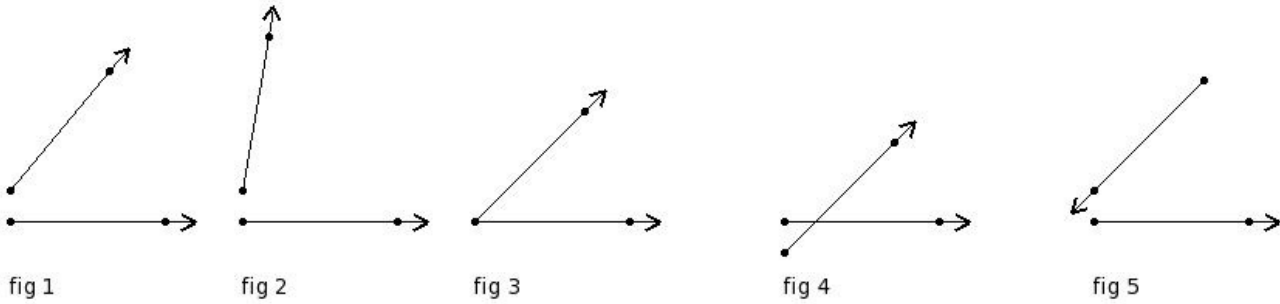


fig 1

fig 2

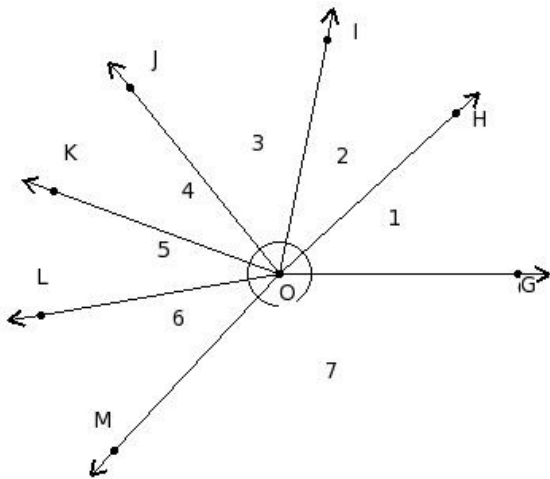
fig 3

fig 4

fig 5

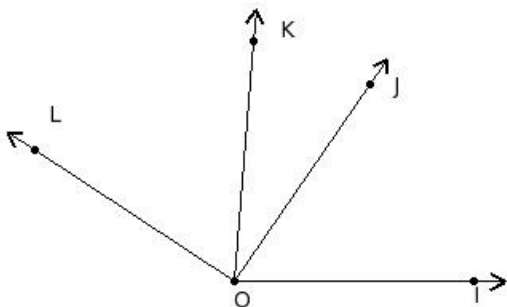
- (i) fig 4 (ii) fig 2 (iii) fig 1 (iv) fig 5 (v) fig 3

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



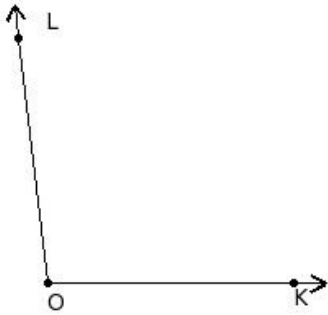
- (i) $\angle KOL$ (ii) $\angle JOK$ (iii) $\angle GOH$ (iv) $\angle HOI$ (v) $\angle IOJ$

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



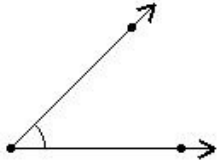
- (i) $\angle IOL$ (ii) $\angle IOJ$ (iii) $\angle IOK$ (iv) $\angle JOL$ (v) $\angle JOK$

4. The name of the given angle is



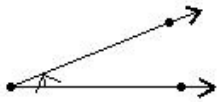
- (i) $\angle KLO$ (ii) $\triangle KOL$ (iii) $\angle KLO$ (iv) $\angle LKO$ (v) $\angle KOL$

5. Identify the figure below



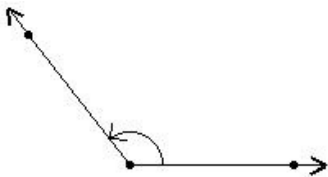
- (i) heptagon (ii) hexagon (iii) decagon (iv) angle (v) nonagon

6. The following angle represents



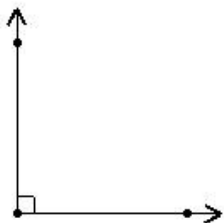
- (i) acute angle (ii) obtuse angle (iii) zero angle (iv) complete angle (v) right angle

7. The following angle represents



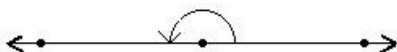
- (i) right angle (ii) reflex angle (iii) straight angle (iv) complete angle (v) obtuse angle

8. The following angle represents



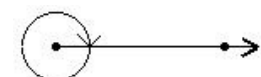
- (i) complete angle (ii) right angle (iii) acute angle (iv) straight angle (v) zero angle

9. The following angle represents



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

10. The following angle represents



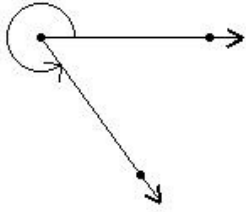
- (i) complete angle (ii) obtuse angle (iii) right angle (iv) zero angle (v) reflex angle

11. The following angle represents



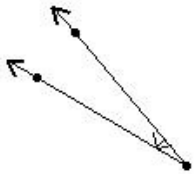
- (i) straight angle (ii) reflex angle (iii) complete angle (iv) right angle (v) zero angle

12. The following angle represents



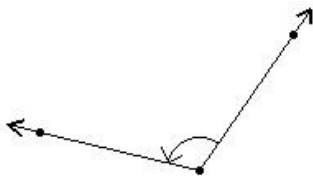
- (i) straight angle (ii) right angle (iii) acute angle (iv) zero angle (v) reflex angle

13. The following angle represents



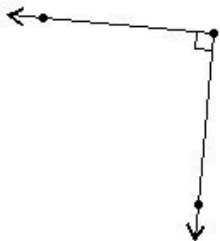
- (i) acute angle (ii) straight angle (iii) reflex angle (iv) zero angle (v) obtuse angle

14. The following angle represents



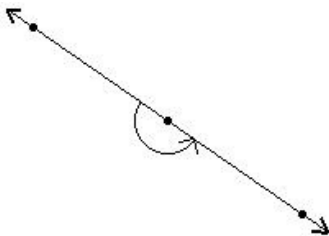
- (i) right angle (ii) straight angle (iii) reflex angle (iv) zero angle (v) obtuse angle

15. The following angle represents



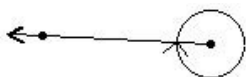
- (i) complete angle (ii) acute angle (iii) right angle (iv) zero angle (v) reflex angle

16. The following angle represents



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

17. The following angle represents



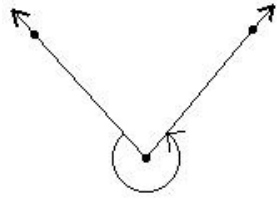
- (i) acute angle (ii) straight angle (iii) right angle (iv) complete angle (v) zero angle

18. The following angle represents



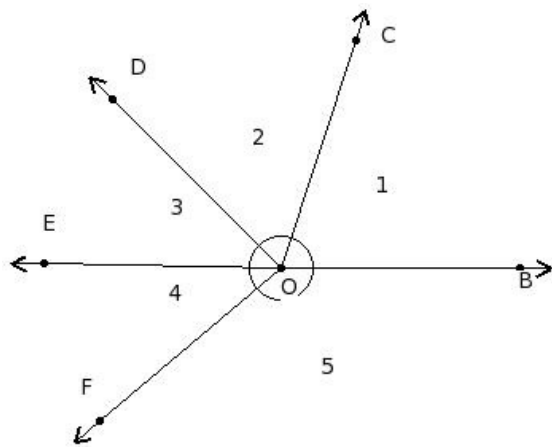
- (i) zero angle (ii) reflex angle (iii) acute angle (iv) complete angle (v) obtuse angle

19. The following angle represents



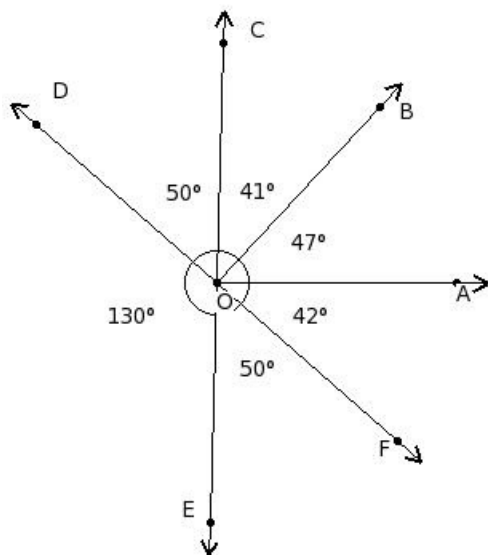
- (i) obtuse angle (ii) right angle (iii) reflex angle (iv) complete angle (v) acute angle

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



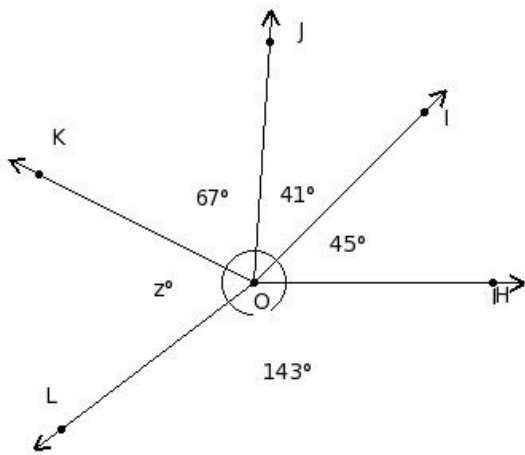
- (i) $\angle DOE$, $\angle FOB$ (ii) $\angle COD$, $\angle EOF$ (iii) $\angle FOB$, $\angle COD$ (iv) $\angle BOC$, $\angle COD$ (v) $\angle EOF$, $\angle COD$

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



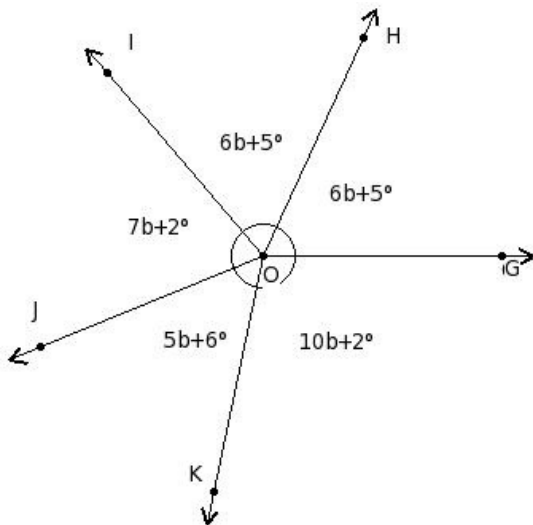
- (i) $(\angle EOF, \angle FOA)$ (ii) $(\angle AOB, \angle BOC)$ (iii) $(\angle BOC, \angle COD)$ (iv) $(\angle DOE, \angle EOF)$

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



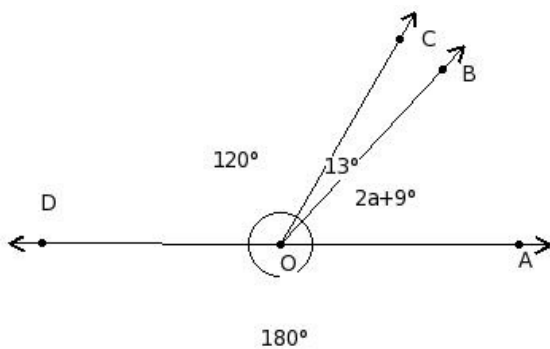
- (i) 64° (ii) 79° (iii) 69° (iv) 74° (v) 94°

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



- (i) 9 (ii) 13 (iii) 10 (iv) 7 (v) 11

24. Find the value of a in the figure below



- (i) 21 (ii) 19 (iii) 16 (iv) 20 (v) 18

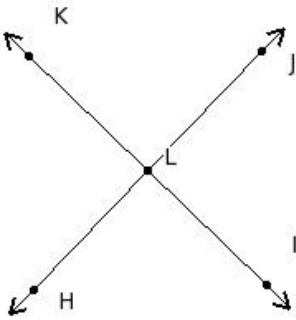
25. Which of the following are true?

- a) The length of a line segment cannot be determined
- 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) A ray has an infinite number of points on it

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

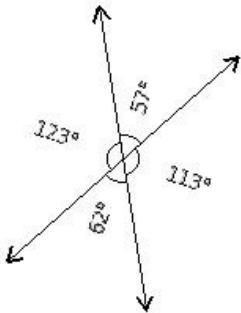
26. Which of the following points are collinear?

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

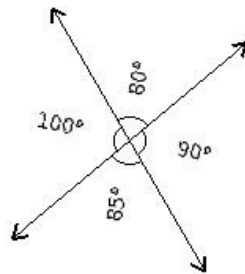


- (i) {d,c} (ii) {a,c} (iii) {b,a} (iv) {e,b,a} (v) {d,c,a}

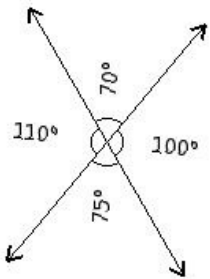
27. Which of the given figures is correct?



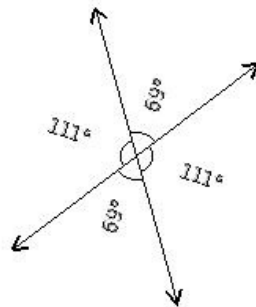
I



II



III



IV

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

28. The complementary angle of 51° is

- (i) 44° (ii) 69° (iii) 54° (iv) 39° (v) 49°

29. The supplementary angle of 124° is

- (i) 66° (ii) 56° (iii) 61° (iv) 86° (v) 71°

30. Find the complementary angles pair in the following

- (i) $98^\circ, 62^\circ$ (ii) $68^\circ, 42^\circ$ (iii) $58^\circ, 32^\circ$ (iv) $88^\circ, 52^\circ$ (v) $48^\circ, 32^\circ$

31. Find the supplementary angles pair in the following

(i) $107^\circ, 123^\circ$ (ii) $117^\circ, 133^\circ$ (iii) $87^\circ, 113^\circ$ (iv) $67^\circ, 103^\circ$ (v) $77^\circ, 103^\circ$

32. Which of the following is an acute angle?

(i) 0° (ii) 41° (iii) 90° (iv) 297° (v) 158°

33. Which of the following is an obtuse angle?

(i) 180° (ii) 44° (iii) 360° (iv) 0° (v) 142°

34. Which of the following is a right angle?

(i) 360° (ii) 90° (iii) 0° (iv) 148° (v) 180°

35. Which of the following is a straight angle?

(i) 38° (ii) 360° (iii) 0° (iv) 180° (v) 104°

36. Which of the following is a complete angle?

(i) 360° (ii) 133° (iii) 0° (iv) 243° (v) 88°

37. Which of the following is a zero angle?

(i) 321° (ii) 0° (iii) 57° (iv) 90° (v) 137°

38. Which of the following is a reflex angle?

(i) 90° (ii) 57° (iii) 322° (iv) 180° (v) 167°

Assignment Key

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