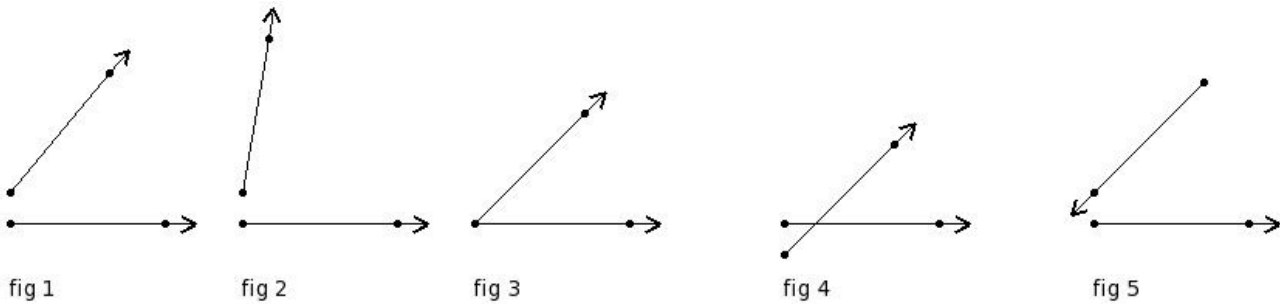


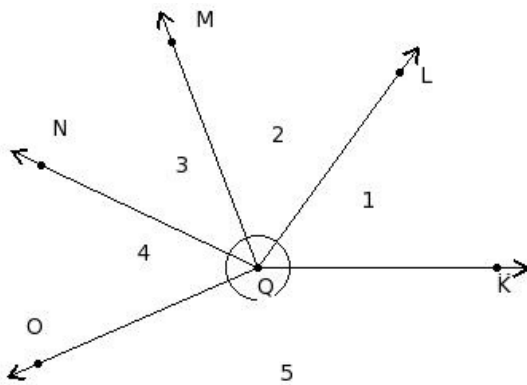


1. Which of the following figures represent an angle?



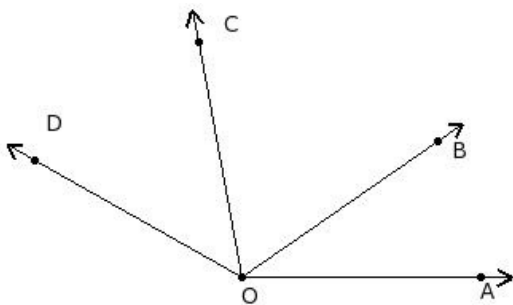
- fig 1                  fig 2                  fig 3                  fig 4                  fig 5  
(i) fig 5 (ii) fig 1 (iii) fig 2 (iv) fig 4 (v) fig 3

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



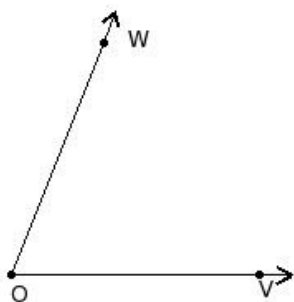
- (i)  $\angle OQK$  (ii)  $\angle NQO$  (iii)  $\angle MQN$  (iv)  $\angle KQL$  (v)  $\angle LQM$

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



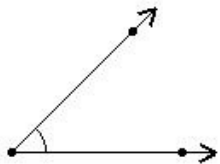
- (i)  $\angle AOB$  (ii)  $\angle AOC$  (iii)  $\angle BOC$  (iv)  $\angle BOD$  (v)  $\angle AOD$

4. The name of the given angle is



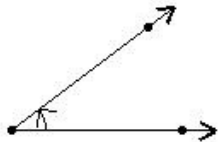
- (i)  $\triangle VOW$  (ii)  $\angle VWO$  (iii)  $\angle VW$  (iv)  $\angle VOW$  (v)  $\angle WV$

5. Identify the figure below



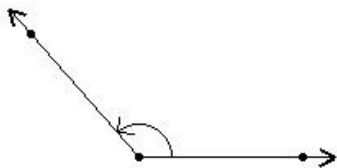
- (i) decagon (ii) triangle (iii) angle (iv) hexagon (v) quadrilateral

6. The following angle represents



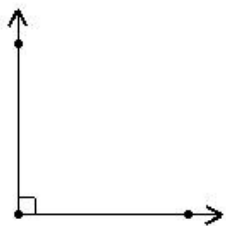
- (i) complete angle (ii) zero angle (iii) reflex angle (iv) acute angle (v) obtuse angle

7. The following angle represents



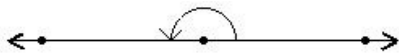
- (i) straight angle (ii) obtuse angle (iii) right angle (iv) complete angle (v) acute angle

8. The following angle represents



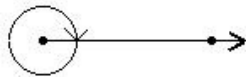
- (i) reflex angle (ii) zero angle (iii) complete angle (iv) right angle (v) acute angle

9. The following angle represents



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

10. The following angle represents



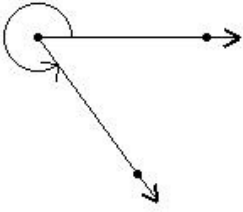
- (i) zero angle (ii) straight angle (iii) complete angle (iv) right angle (v) reflex angle

11. The following angle represents



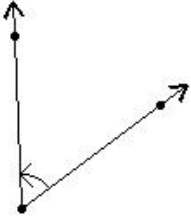
- (i) obtuse angle (ii) zero angle (iii) right angle (iv) acute angle (v) complete angle

12. The following angle represents



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

13. The following angle represents



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

14. The following angle represents



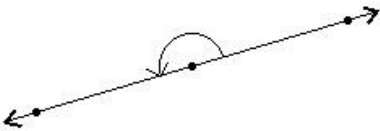
- (i) complete angle (ii) right angle (iii) reflex angle (iv) zero angle (v) obtuse angle

15. The following angle represents



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

16. The following angle represents



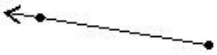
- (i) acute angle (ii) complete angle (iii) reflex angle (iv) straight angle (v) obtuse angle

17. The following angle represents



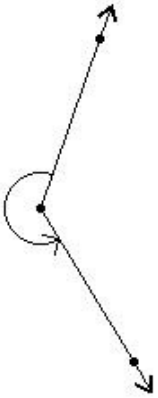
- (i) obtuse angle (ii) straight angle (iii) acute angle (iv) complete angle (v) reflex angle

18. The following angle represents



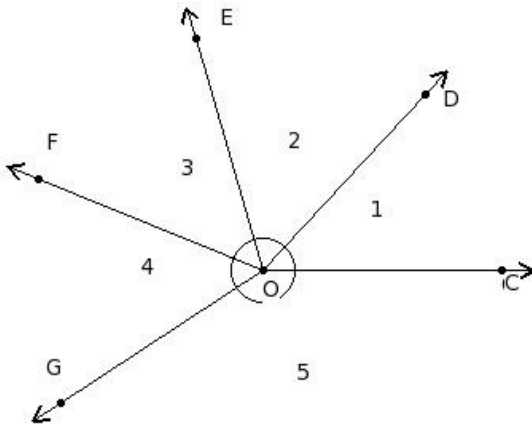
- (i) acute angle (ii) straight angle (iii) zero angle (iv) complete angle (v) reflex angle

19. The following angle represents



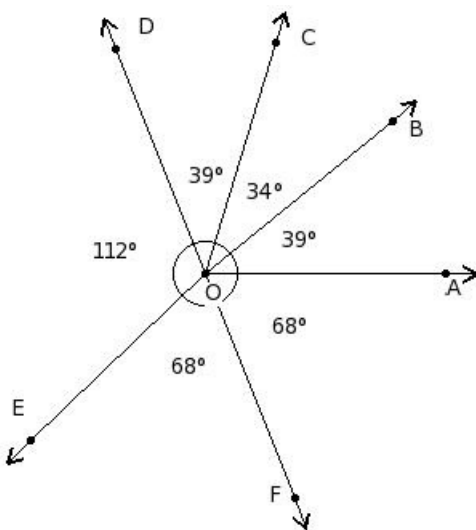
- (i) complete angle (ii) right angle (iii) reflex angle (iv) straight angle (v) zero angle

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



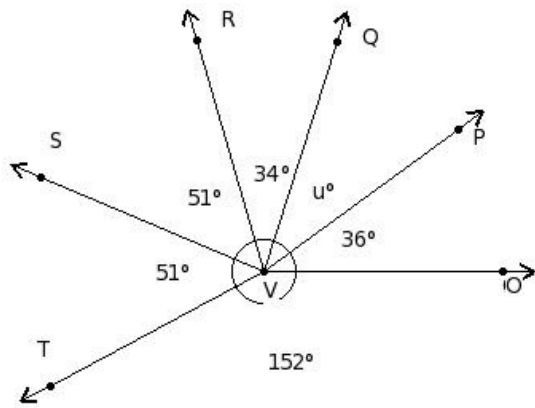
- (i)  $\angle COD, \angle DOE$  (ii)  $\angle EOF, \angle GOC$  (iii)  $\angle GOC, \angle DOE$  (iv)  $\angle DOE, \angle FOG$  (v)  $\angle FOG, \angle DOE$

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



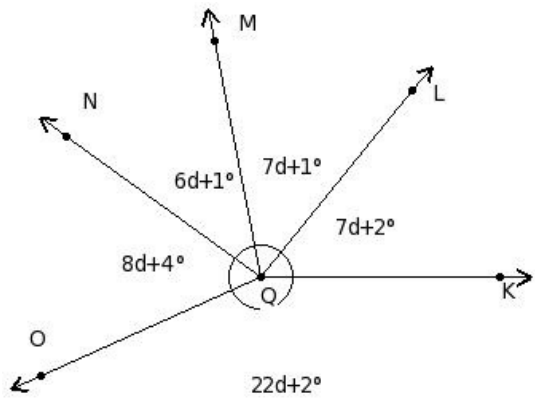
- (i)  $(\angle COD, \angle DOE)$  (ii)  $(\angle DOE, \angle EOF)$  (iii)  $(\angle AOB, \angle BOC)$  (iv)  $(\angle EOF, \angle FOA)$  (v)  $(\angle BOC, \angle COD)$

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



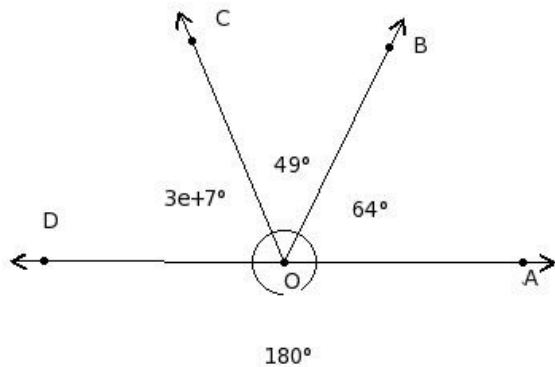
- (i)  $41^\circ$  (ii)  $51^\circ$  (iii)  $36^\circ$  (iv)  $66^\circ$  (v)  $46^\circ$

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



- (i) 6 (ii) 7 (iii) 4 (iv) 8 (v) 9

24. Find the value of e in the figure below



- (i) 19 (ii) 21 (iii) 20 (iv) 22 (v) 18

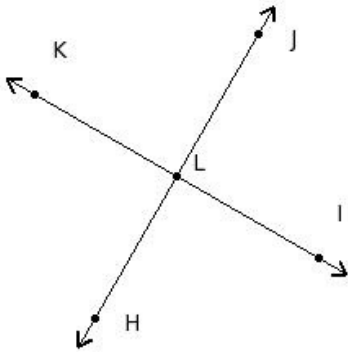
25. Which of the following are true?

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

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

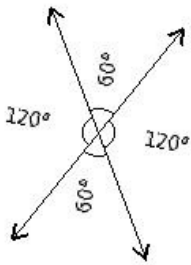
26. Which of the following points are collinear?

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

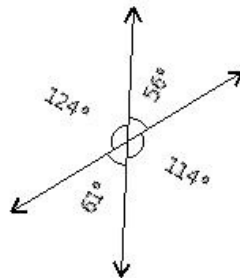


- (i) {b,e} (ii) {c,a,d} (iii) {b,e,d} (iv) {d,e} (v) {a,d}

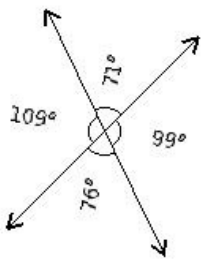
27. Which of the given figures is correct?



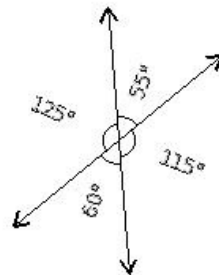
I



II



III



IV

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

28. The complementary angle of  $35^\circ$  is

- (i)  $70^\circ$  (ii)  $65^\circ$  (iii)  $55^\circ$  (iv)  $85^\circ$  (v)  $60^\circ$

29. The supplementary angle of  $101^\circ$  is

- (i)  $79^\circ$  (ii)  $89^\circ$  (iii)  $94^\circ$  (iv)  $84^\circ$  (v)  $109^\circ$

30. Find the complementary angles pair in the following

- (i)  $39^\circ, 41^\circ$  (ii)  $49^\circ, 41^\circ$  (iii)  $79^\circ, 61^\circ$  (iv)  $59^\circ, 51^\circ$  (v)  $89^\circ, 71^\circ$

31. Find the supplementary angles pair in the following

- (i)  $91^\circ, 109^\circ$  (ii)  $81^\circ, 99^\circ$  (iii)  $71^\circ, 99^\circ$  (iv)  $111^\circ, 119^\circ$  (v)  $121^\circ, 129^\circ$

32. Which of the following is an acute angle?  
(i)  $90^\circ$  (ii)  $25^\circ$  (iii)  $208^\circ$  (iv)  $180^\circ$  (v)  $117^\circ$

33. Which of the following is an obtuse angle?  
(i)  $180^\circ$  (ii)  $0^\circ$  (iii)  $360^\circ$  (iv)  $307^\circ$  (v)  $140^\circ$

34. Which of the following is a right angle?  
(i)  $180^\circ$  (ii)  $360^\circ$  (iii)  $0^\circ$  (iv)  $90^\circ$  (v)  $29^\circ$

35. Which of the following is a straight angle?  
(i)  $308^\circ$  (ii)  $180^\circ$  (iii)  $90^\circ$  (iv)  $360^\circ$  (v)  $0^\circ$

36. Which of the following is a complete angle?  
(i)  $360^\circ$  (ii)  $66^\circ$  (iii)  $211^\circ$  (iv)  $180^\circ$  (v)  $0^\circ$

37. Which of the following is a zero angle?  
(i)  $57^\circ$  (ii)  $360^\circ$  (iii)  $122^\circ$  (iv)  $315^\circ$  (v)  $0^\circ$

38. Which of the following is a reflex angle?  
(i)  $210^\circ$  (ii)  $90^\circ$  (iii)  $180^\circ$  (iv)  $123^\circ$  (v)  $24^\circ$

## Assignment Key

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