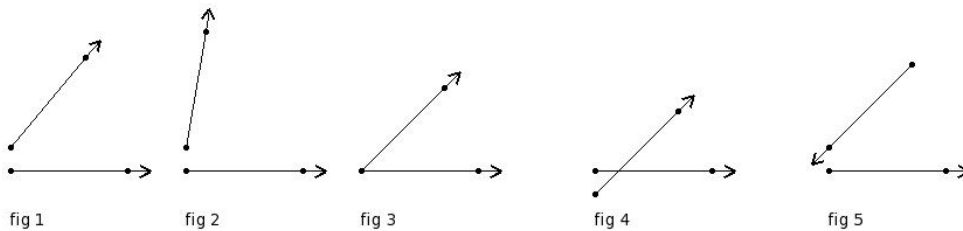


EduSahara™ Learning Center Assignment

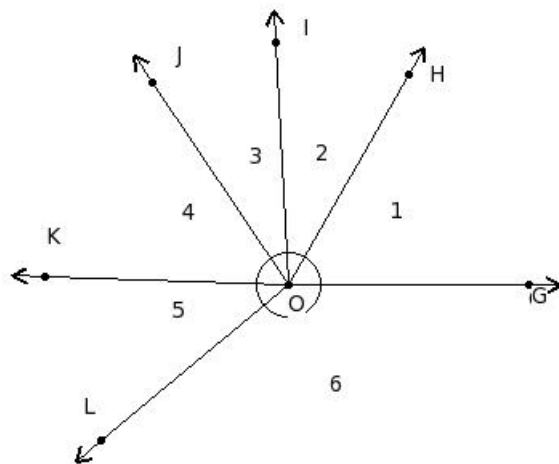
Grade : Class VII, CBSE
Chapter : Lines and Angles
Name : Angle Concepts
Licensed To : Teachers and Students for non-commercial use

1. Which of the following figures represent an angle?



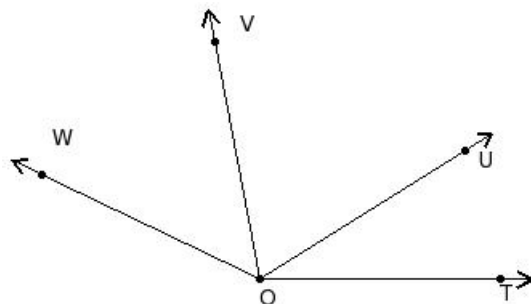
(i) fig 1 (ii) fig 4 (iii) fig 2 (iv) fig 3 (v) fig 5

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



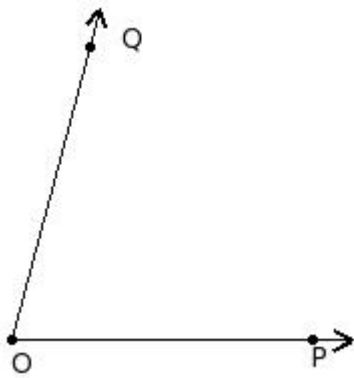
(i) $\angle GOH$ (ii) $\angle KOL$ (iii) $\angle JOK$ (iv) $\angle IOJ$ (v) $\angle HOI$

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



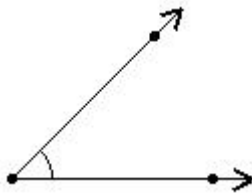
(i) $\angle TOU$ (ii) $\angle UOV$ (iii) $\angle UOW$ (iv) $\angle TOW$ (v) $\angle TOV$

4. The name of the given angle is



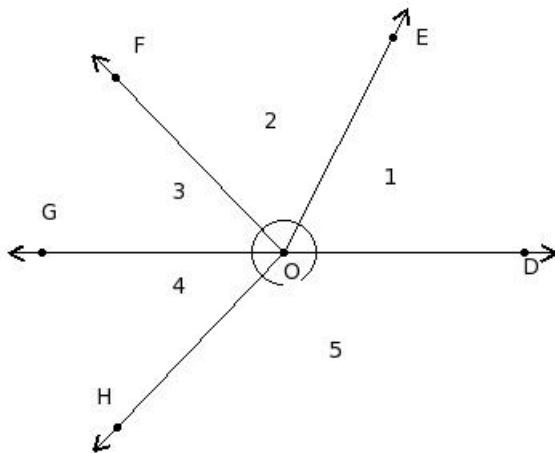
- (i) $\angle PQO$ (ii) $\angle PQ$ (iii) $\triangle POQ$ (iv) $\angle POQ$ (v) $\angle QPO$

5. Identify the figure below



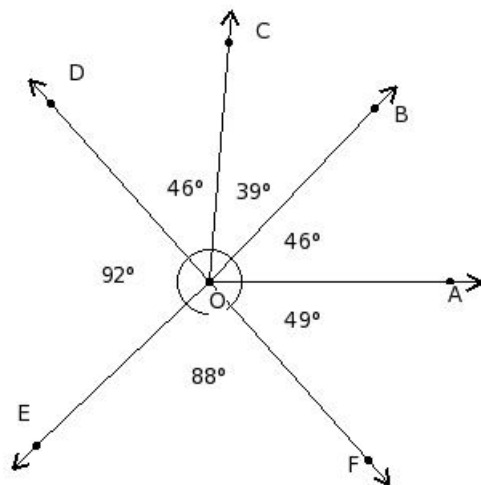
- (i) decagon (ii) nonagon (iii) octagon (iv) angle (v) heptagon

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



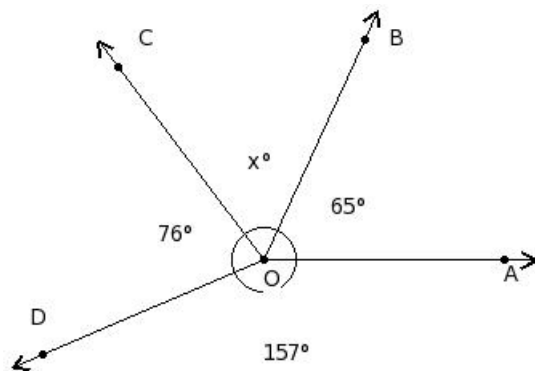
- (i) $\angle DOE$, $\angle EOF$ (ii) $\angle GOH$, $\angle EOF$ (iii) $\angle EOF$, $\angle GOH$
 (iv) $\angle FOG$, $\angle HOD$ (v) $\angle HOD$, $\angle EOF$

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



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

8. Find the value of 'x' in the following figure



- (i) 72° (ii) 67° (iii) 62° (iv) 92° (v) 77°

9. The complementary angle of 27° is

- (i) 68° (ii) 78° (iii) 93° (iv) 73° (v) 63°

10. The supplementary angle of 121° is

- (i) 59° (ii) 89° (iii) 74° (iv) 64° (v) 69°

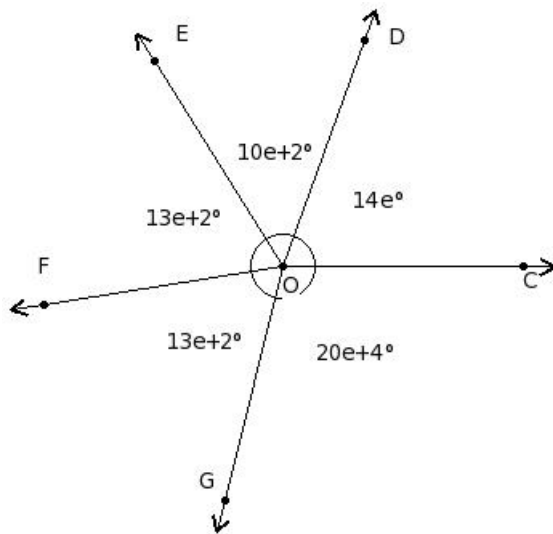
11. Find the complementary angles pair in the following

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

12. Find the supplementary angles pair in the following

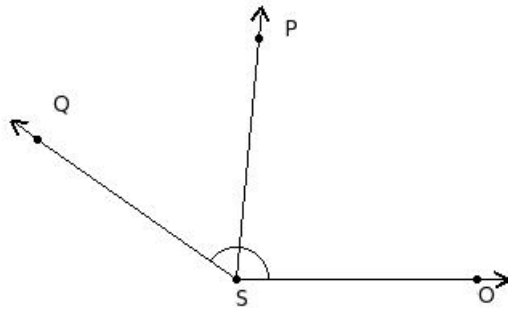
- (i) $115^\circ, 135^\circ$ (ii) $75^\circ, 105^\circ$ (iii) $85^\circ, 115^\circ$ (iv) $105^\circ, 125^\circ$ (v) $65^\circ, 105^\circ$

13. Find the value of 'e' in the following figure



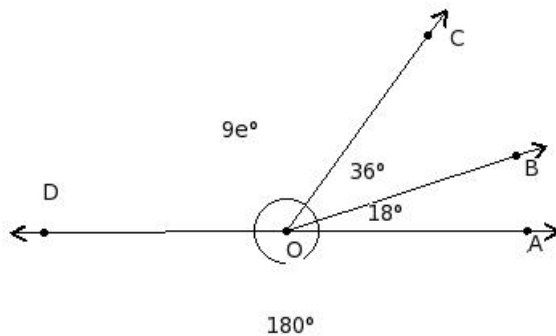
- (i) 3 (ii) 5 (iii) 6 (iv) 8 (v) 4

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



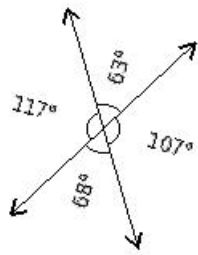
- (i) $\angle OSP$, $\angle PSQ$ (ii) $\angle SST$, $\angle PSQ$ (iii) $\angle QSO$, $\angle SST$
 (iv) $\angle PSQ$, $\angle RSS$ (v) $\angle RSS$, $\angle PSQ$

15. Find the value of e in the figure below

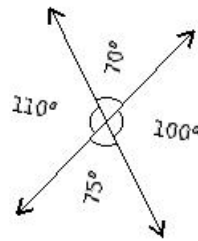


- (i) 15 (ii) 13 (iii) 14 (iv) 17 (v) 12

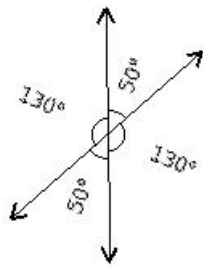
16. Which of the given figures is correct?



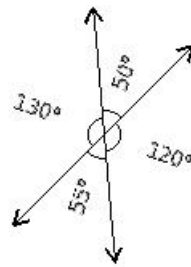
I



II



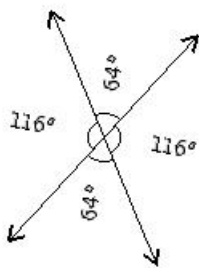
III



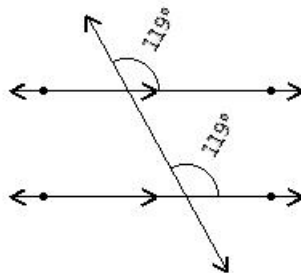
IV

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

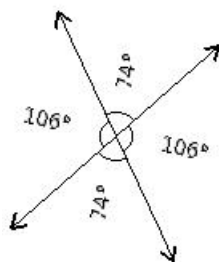
17. Which of the given figures is wrong?



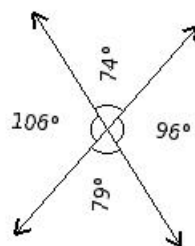
I



II



III



IV

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

18. Which of the following is an acute angle?

(i) 208° (ii) 161° (iii) 52° (iv) 0° (v) 90°

19. Which of the following is an obtuse angle?

(i) 273° (ii) 42° (iii) 90° (iv) 159° (v) 0°

20. Which of the following is a right angle?

(i) 180° (ii) 360° (iii) 90° (iv) 253° (v) 0°

21. Which of the following is a straight angle?

(i) 90° (ii) 0° (iii) 360° (iv) 213° (v) 180°

22. Which of the following is a complete angle?

(i) 0° (ii) 107° (iii) 360° (iv) 90° (v) 86°

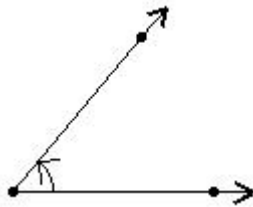
23. Which of the following is a zero angle?

(i) 262° (ii) 180° (iii) 360° (iv) 143° (v) 0°

24. Which of the following is a reflex angle?

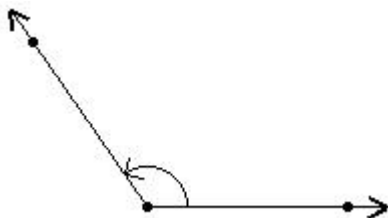
(i) 360° (ii) 82° (iii) 206° (iv) 180° (v) 157°

25. The following angle represents



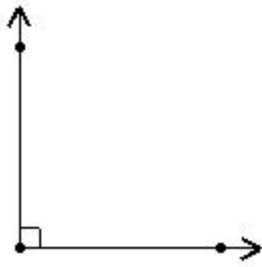
(i) reflex angle (ii) right angle (iii) zero angle
(iv) straight angle (v) acute angle

26. The following angle represents



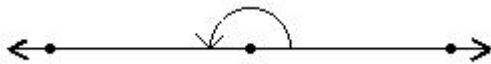
(i) obtuse angle (ii) acute angle (iii) right angle
(iv) complete angle (v) straight angle

27. The following angle represents



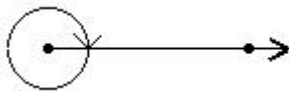
- (i) complete angle (ii) reflex angle (iii) obtuse angle
(iv) zero angle (v) right angle
-

28. The following angle represents



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

29. The following angle represents



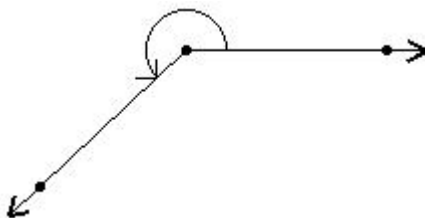
- (i) obtuse angle (ii) reflex angle (iii) complete angle
(iv) acute angle (v) right angle
-

30. The following angle represents



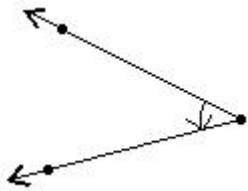
- (i) right angle (ii) straight angle (iii) complete angle
(iv) acute angle (v) zero angle
-

31. The following angle represents



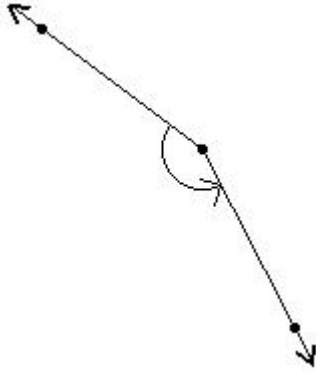
- (i) right angle (ii) acute angle (iii) reflex angle
(iv) zero angle (v) complete angle
-

32. The following angle represents



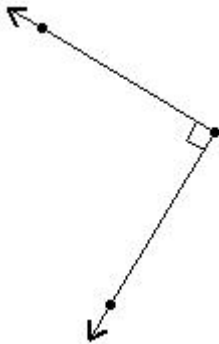
- (i) acute angle (ii) obtuse angle (iii) right angle
(iv) reflex angle (v) complete angle
-

33. The following angle represents



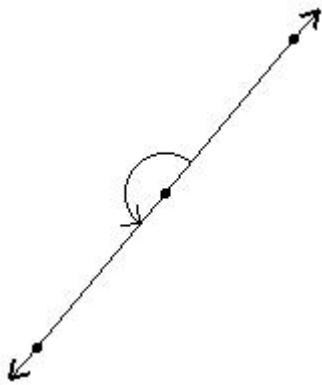
- (i) obtuse angle (ii) acute angle (iii) straight angle
(iv) complete angle (v) right angle
-

34. The following angle represents



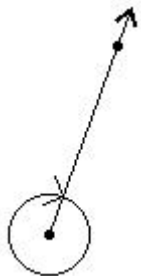
- (i) reflex angle (ii) straight angle (iii) right angle
(iv) obtuse angle (v) complete angle
-

35. The following angle represents



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

36. The following angle represents



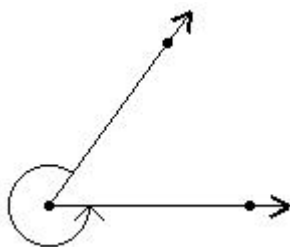
- (i) obtuse angle (ii) straight angle (iii) right angle
(iv) acute angle (v) complete angle
-

37. The following angle represents



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

38. The following angle represents



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

Assignment Key

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