

1. Which of the following figures represent an angle?

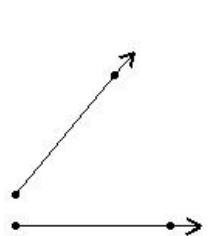


fig 1

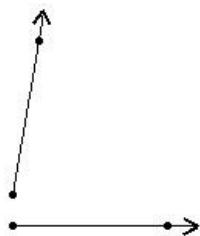


fig 2

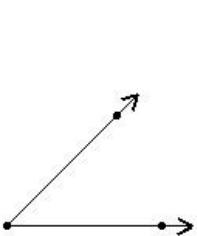


fig 3



fig 4

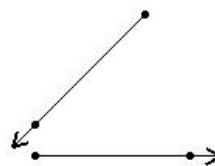
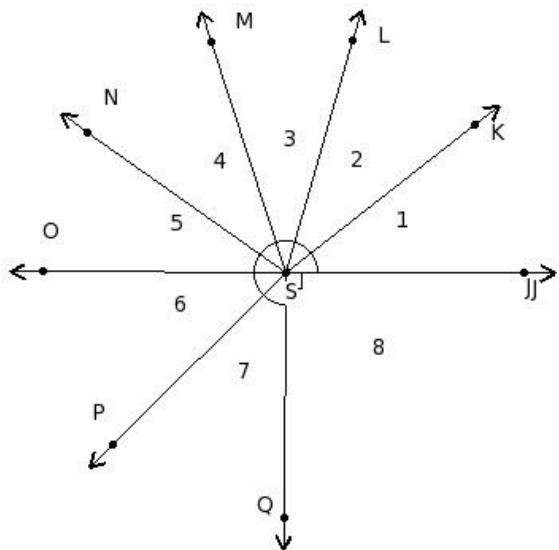


fig 5

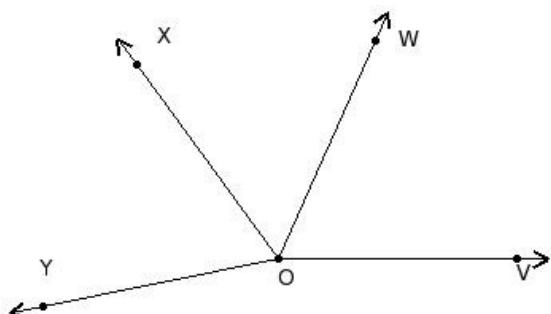
- (i) fig 5 (ii) fig 4 (iii) fig 2 (iv) fig 1 (v) fig 3

2. The name of angle 5 in the given figure is



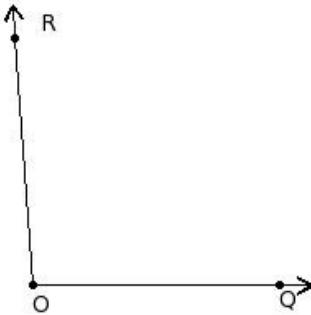
- (i) $\angle OSP$ (ii) $\angle PSQ$ (iii) $\angle MSN$ (iv) $\angle KSL$ (v) $\angle NSO$

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



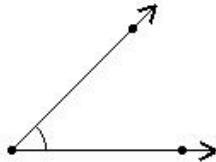
- (i) $\angle VOW$ (ii) $\angle VOY$ (iii) $\angle WOX$ (iv) $\angle VOX$ (v) $\angle WOY$

4. The name of the given angle is



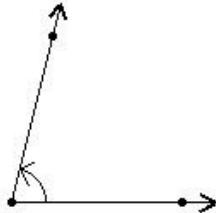
- (i) $\triangle QOR$ (ii) $\angle QOR$ (iii) $\angle QR$ (iv) $\angle RQO$ (v) $\angle QRO$

5. Identify the figure below



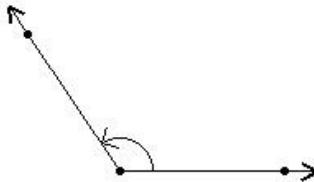
- (i) circle (ii) heptagon (iii) nonagon (iv) triangle (v) angle

6. The following angle represents



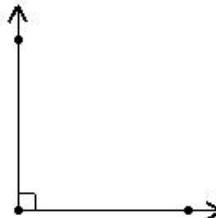
- (i) acute angle (ii) zero angle (iii) complete angle (iv) obtuse angle (v) reflex angle

7. The following angle represents



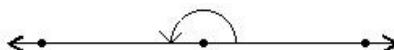
- (i) zero angle (ii) obtuse angle (iii) complete angle (iv) reflex angle (v) acute angle

8. The following angle represents



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

9. The following angle represents



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

10. The following angle represents



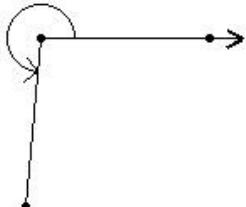
- (i) right angle (ii) complete angle (iii) straight angle (iv) reflex angle (v) obtuse angle

11. The following angle represents



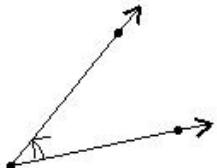
- (i) zero angle (ii) right angle (iii) reflex angle (iv) straight angle (v) acute angle

12. The following angle represents



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

13. The following angle represents



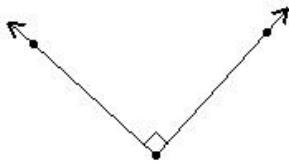
- (i) zero angle (ii) acute angle (iii) straight angle (iv) reflex angle (v) complete angle

14. The following angle represents



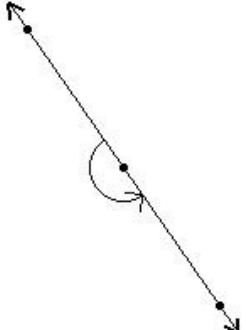
- (i) zero angle (ii) straight angle (iii) acute angle (iv) complete angle (v) obtuse angle

15. The following angle represents



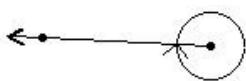
- (i) obtuse angle (ii) right angle (iii) reflex angle (iv) acute angle (v) straight angle

16. The following angle represents



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

17. The following angle represents



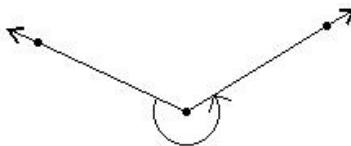
- (i) right angle (ii) zero angle (iii) straight angle (iv) acute angle (v) complete angle

18. The following angle represents



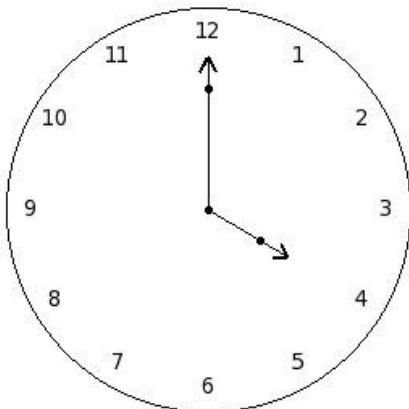
- (i) acute angle (ii) reflex angle (iii) right angle (iv) zero angle (v) obtuse angle

19. The following angle represents



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

20. State the angle between the two hands of the clock when the time is 4 A.M.



- (i) 120° (ii) 150° (iii) 125° (iv) 130° (v) 135°

21. What fraction of clockwise revolution does the hour hand of a clock covers, when it goes from 4 to 9?

- (i) $\frac{7}{12}$ (ii) $\frac{5}{14}$ (iii) $\frac{5}{12}$ (iv) $\frac{1}{2}$ (v) $\frac{1}{4}$

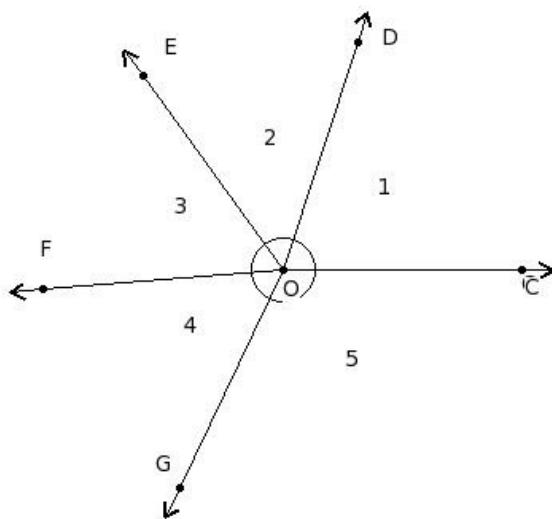
22. Find the number of right angles covered by the hour hand of clock when it goes from 9 to 4

- (i) 0 (ii) 1 (iii) 2 (iv) 3 (v) 4

23. Where will the hour hand of a clock stop, if it starts from 1 and turns through 4 right angles?

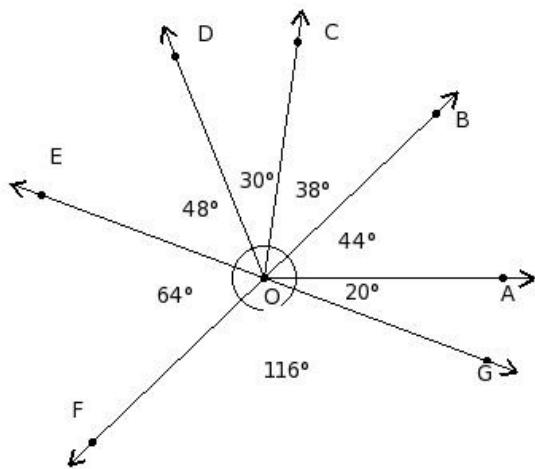
- (i) 3 (ii) 2 (iii) 9 (iv) 1 (v) 0

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



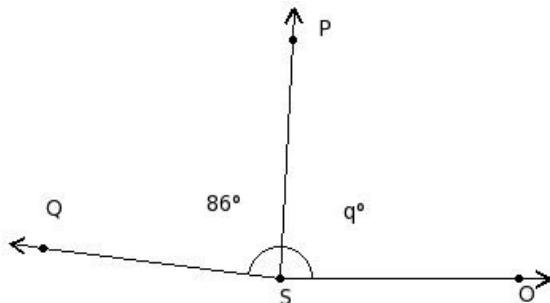
- (i) $\angle GOC, \angle DOE$ (ii) $\angle DOE, \angle FOG$ (iii) $\angle EOF, \angle GOC$ (iv) $\angle FOG, \angle DOE$ (v) $\angle COD, \angle DOE$

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



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

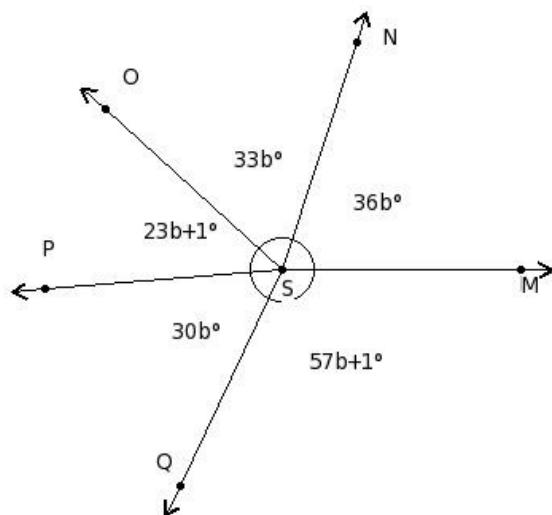
26. Find the value of 'q' in the following figure



$$187^\circ$$

- (i) 97° (ii) 92° (iii) 117° (iv) 102° (v) 87°

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



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

28. Which of the following is an acute angle?

- (i) 149° (ii) 360° (iii) 58° (iv) 180° (v) 0°

29. Which of the following is an obtuse angle?

- (i) 63° (ii) 207° (iii) 108° (iv) 90° (v) 360°

30. Which of the following is a right angle?

- (i) 90° (ii) 214° (iii) 65° (iv) 180° (v) 360°

31. Which of the following is a straight angle?

- (i) 0° (ii) 360° (iii) 180° (iv) 27° (v) 211°

32. Which of the following is a complete angle?

- (i) 290° (ii) 164° (iii) 360° (iv) 55° (v) 90°

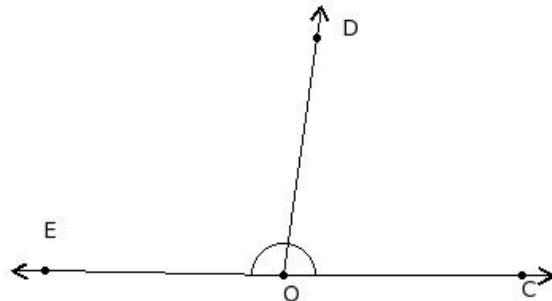
33. Which of the following is a zero angle?

- (i) 90° (ii) 360° (iii) 28° (iv) 0° (v) 317°

34. Which of the following is a reflex angle?

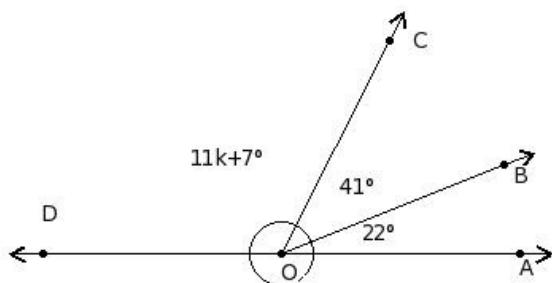
- (i) 90° (ii) 342° (iii) 360° (iv) 180° (v) 130°

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



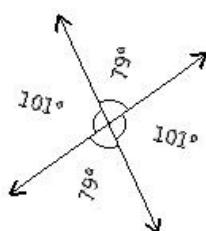
- (i) $\angle GOH$, $\angle DOE$ (ii) $\angle DOE$, $\angle FOG$ (iii) $\angle COD$, $\angle DOE$ (iv) $\angle FOG$, $\angle DOE$ (v) $\angle EOC$, $\angle GOH$

36. Find the value of k in the figure below

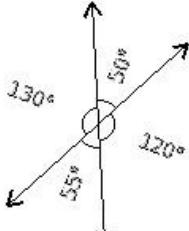


- (i) 11 (ii) 9 (iii) 13 (iv) 10 (v) 8

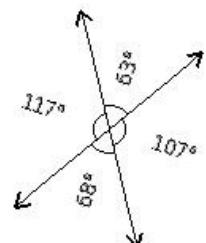
37. Which of the given figures is correct?



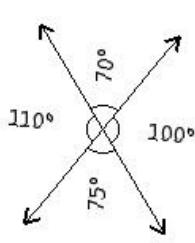
I



II



III



IV

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

38. The complementary angle of 34° is

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

39. The supplementary angle of 137° is

- (i) 58° (ii) 43° (iii) 48° (iv) 53° (v) 73°

40. Find the complementary angles pair in the following

- (i) $76^\circ, 84^\circ$ (ii) $46^\circ, 64^\circ$ (iii) $36^\circ, 54^\circ$ (iv) $26^\circ, 54^\circ$ (v) $66^\circ, 74^\circ$

41. Find the supplementary angles pair in the following

- (i) $57^\circ, 123^\circ$ (ii) $87^\circ, 143^\circ$ (iii) $67^\circ, 133^\circ$ (iv) $97^\circ, 153^\circ$ (v) $47^\circ, 123^\circ$

Assignment Key

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

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