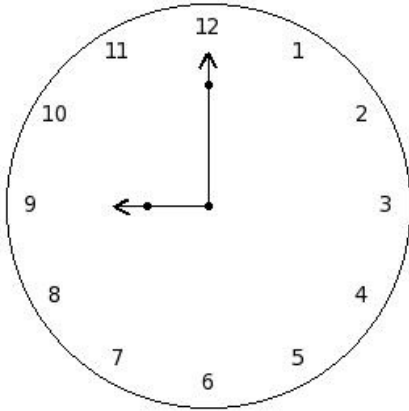


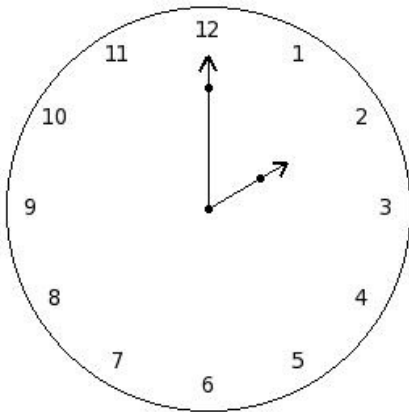


1. State the angle between the two hands of the clock when the time is 9 A.M.



- (i) 105° (ii) 95° (iii) 120° (iv) 100° (v) 90°

2. State the type of angle between the two hands of the clock when the time is 2 A.M.



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

3. What fraction of clockwise revolution does the hour hand of a clock covers, when it goes from 2 to 1?

- (i) $\frac{11}{10}$ (ii) $\frac{13}{12}$ (iii) $\frac{3}{4}$ (iv) $\frac{11}{14}$ (v) $\frac{11}{12}$

4. Find the number of right angles covered by the hour hand of clock when it goes from 5 to 3

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

5. The complementary angle of 80° is

- (i) 15° (ii) 10° (iii) 25° (iv) 40° (v) 20°

6. The supplementary angle of 86° is

- (i) 94° (ii) 99° (iii) 124° (iv) 104° (v) 109°

7. Find the complementary angles pair in the following

- (i) $74^\circ, 36^\circ$ (ii) $94^\circ, 46^\circ$ (iii) $104^\circ, 56^\circ$ (iv) $54^\circ, 26^\circ$ (v) $64^\circ, 26^\circ$

8. Find the supplementary angles pair in the following

- (i) $144^\circ, 36^\circ$ (ii) $134^\circ, 36^\circ$ (iii) $184^\circ, 66^\circ$ (iv) $174^\circ, 56^\circ$ (v) $154^\circ, 46^\circ$

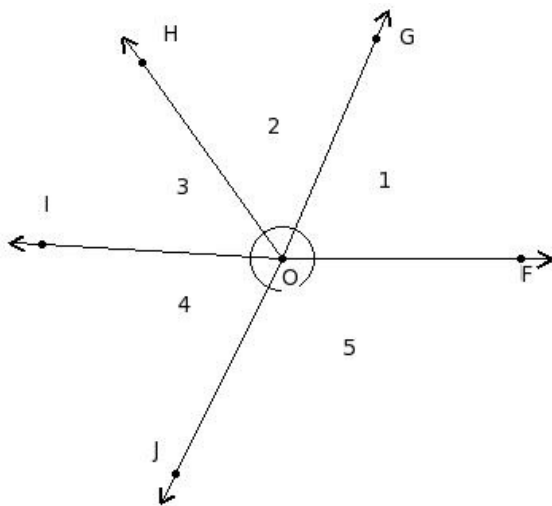
9. Where will the hour hand of a clock stop, if it starts from 8 and makes $\frac{2}{3}$ of a revolution clockwise?

- (i) 4 (ii) 3 (iii) 5 (iv) 6 (v) 1

10. Where will the hour hand of a clock stop, if it starts from 11 and turns through 2 right angles?

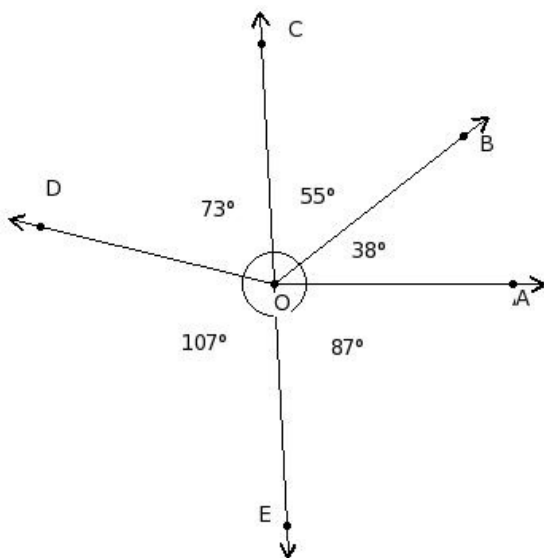
- (i) 7 (ii) 5 (iii) 6 (iv) 3 (v) 4

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



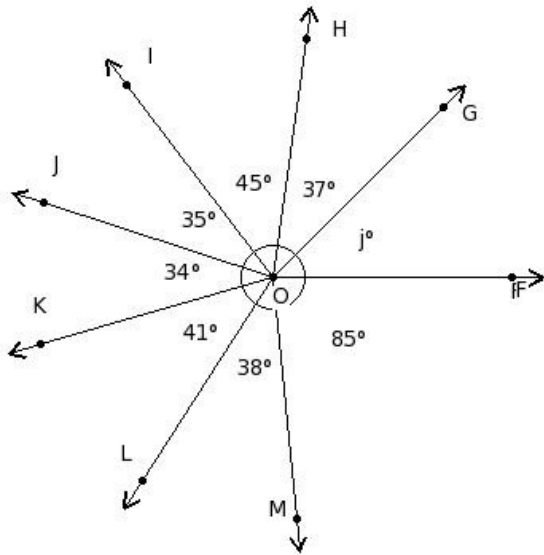
- (i) $\angle IOJ, \angle GOH$ (ii) $\angle FOG, \angle GOH$ (iii) $\angle GOH, \angle IOJ$ (iv) $\angle JOF, \angle GOH$ (v) $\angle HOI, \angle JOF$

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



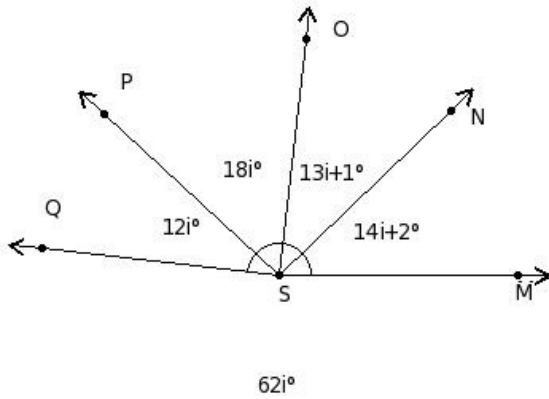
- (i) $(\angle AOB, \angle BOC)$ (ii) $(\angle DOE, \angle EOA)$ (iii) $(\angle BOC, \angle COD)$ (iv) $(\angle COD, \angle DOE)$

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



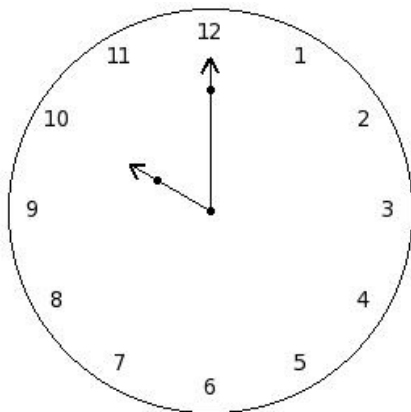
- (i) 55° (ii) 50° (iii) 75° (iv) 60° (v) 45°

14. Find the value of 'i' in the following figure



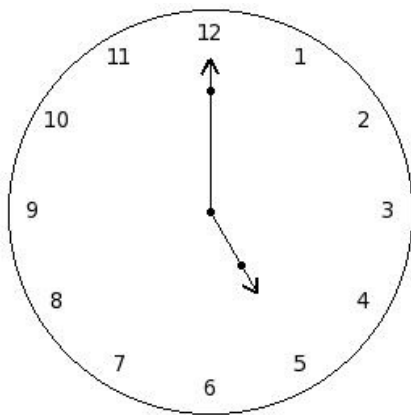
- (i) 0 (ii) 4 (iii) 3 (iv) 2 (v) 6

15. State the angle between the two hands of the clock when the time is 10 A.M.



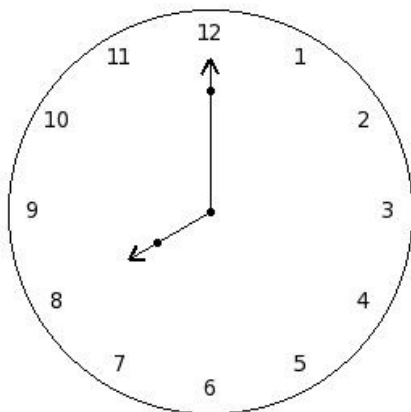
- (i) 90° (ii) 70° (iii) 75° (iv) 65° (v) 60°

16. State the angle between the two hands of the clock when the time is 5 A.M.



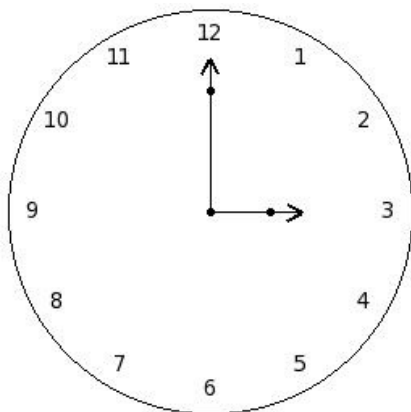
- (i) 155° (ii) 150° (iii) 180° (iv) 165° (v) 160°

17. State the type of angle between the two hands of the clock when the time is 8 A.M.



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

18. State the type of angle between the two hands of the clock when the time is 3 A.M.



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

19. What fraction of clockwise revolution does the hour hand of a clock covers, when it goes from 3 to 11?

- (i) $\frac{4}{3}$ (ii) $\frac{2}{3}$ (iii) 0 (iv) $\frac{2}{5}$ (v) 2

20. Find the number of right angles covered by the hour hand of clock when it goes from 5 to 3

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

21. The complementary angle of 80° is

- (i) 15° (ii) 25° (iii) 20° (iv) 10° (v) 40°

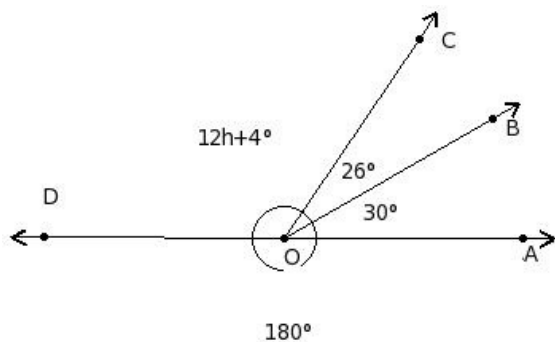
22. The supplementary angle of 96° is

- (i) 99° (ii) 89° (iii) 84° (iv) 114° (v) 94°

23. Find the complementary angles pair in the following

- (i) $79^\circ, 11^\circ$ (ii) $109^\circ, 31^\circ$ (iii) $69^\circ, 11^\circ$ (iv) $89^\circ, 21^\circ$ (v) $119^\circ, 41^\circ$

24. Find the value of h in the figure below



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

Assignment Key

1) (v)	2) (i)	3) (v)	4) (iii)	5) (ii)	6) (i)
7) (v)	8) (i)	9) (i)	10) (ii)	11) (ii)	12) (iv)
13) (v)	14) (iii)	15) (v)	16) (ii)	17) (ii)	18) (i)
19) (ii)	20) (i)	21) (iv)	22) (iii)	23) (i)	24) (i)