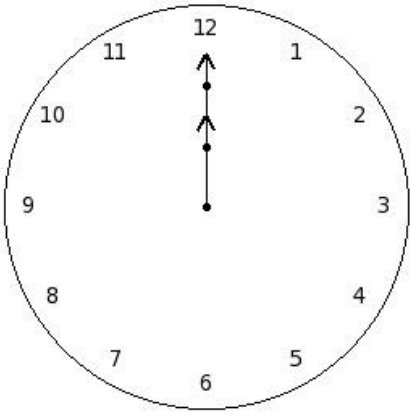
EduSahara™ Assignment

Name : Angle Value Problems

Chapter : Understanding Elementary Shapes

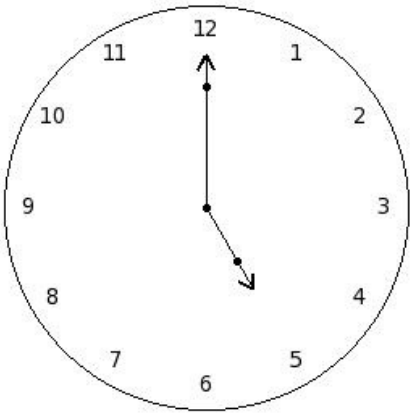
Grade : CBSE Grade VI

1. State the angle between the two hands of the clock when the time is 12 A.M.



(i) 15° (ii) 0° (iii) 10° (iv) 30° (v) 5°

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



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

3. What fraction of clockwise revolution does the hour hand of a clock covers, when it goes from 4 to 12?

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

4. Find the number of right angles covered by the hour hand of clock when it goes from 4 to 6

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

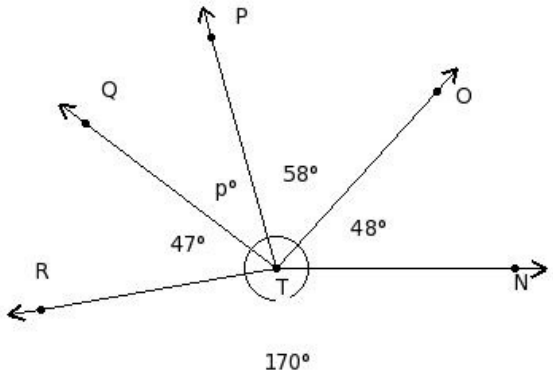
5. Where will the hour hand of a clock stop, if it starts from 8 and makes $\frac{1}{2}$ of a revolution clockwise?

(i) 2 (ii) 1 (iii) 3 (iv) 5 (v) 0

6. Where will the hour hand of a clock stop, if it starts from 6 and turns through 4 right angles?

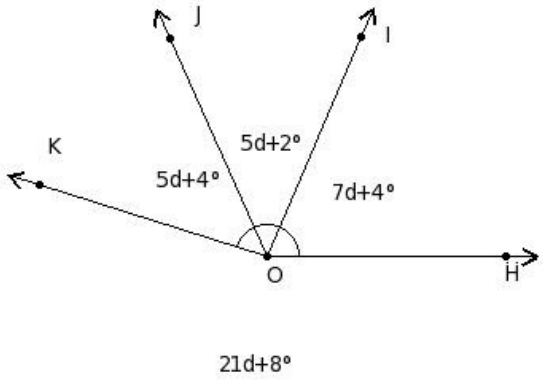
(i) 7 (ii) 8 (iii) 5 (iv) 4 (v) 6

7. Find the value of 'p' in the following figure



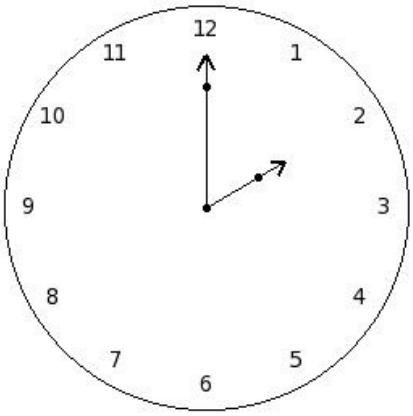
(i) 47° (ii) 52° (iii) 37° (iv) 42° (v) 67°

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



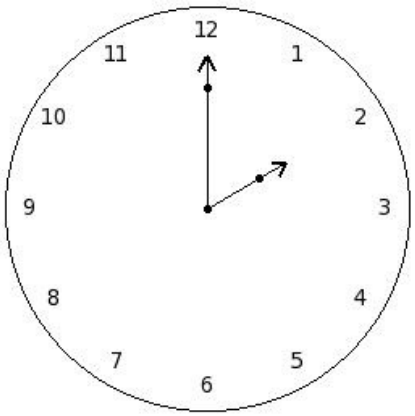
(i) 12 (ii) 9 (iii) 8 (iv) 10 (v) 6

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



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

10. 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) complete angle (iv) reflex angle (v) right angle

11. What fraction of clockwise revolution does the hour hand of a clock covers, when it goes from 8 to 3?

(i) $\frac{1}{2}$ (ii) $\frac{7}{10}$ (iii) $\frac{5}{12}$ (iv) $\frac{7}{12}$ (v) $\frac{3}{4}$

12. Find the number of right angles covered by the hour hand of clock when it goes from 5 to 10

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

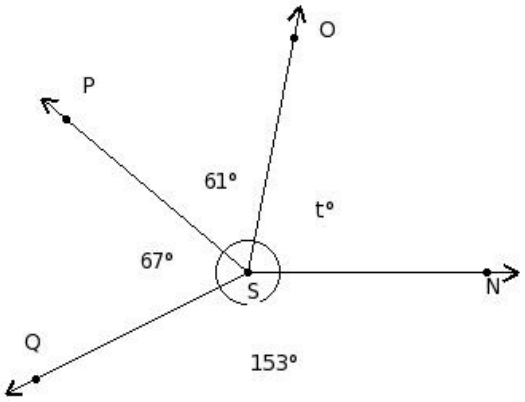
13. Where will the hour hand of a clock stop, if it starts from 11 and makes $\frac{1}{3}$ of a revolution clockwise?

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

14. Where will the hour hand of a clock stop, if it starts from 3 and turns through 1 right angle?

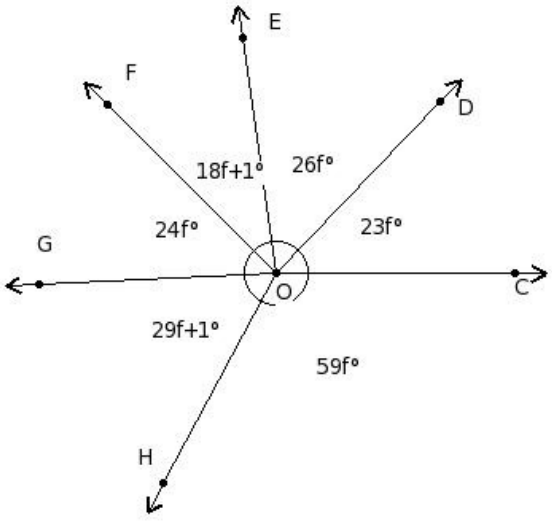
(i) 4 (ii) 7 (iii) 8 (iv) 5 (v) 6

15. Find the value of 't' in the following figure



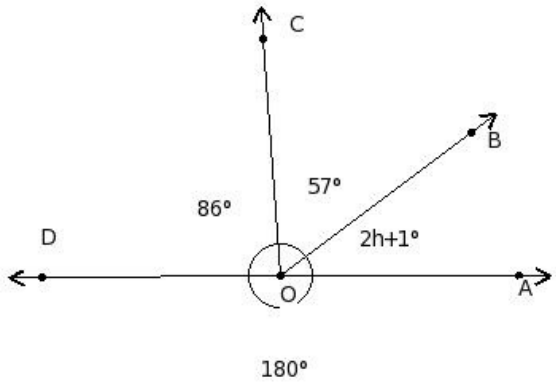
(i) 94° (ii) 84° (iii) 109° (iv) 79° (v) 89°

16. Find the value of 'f' in the following figure



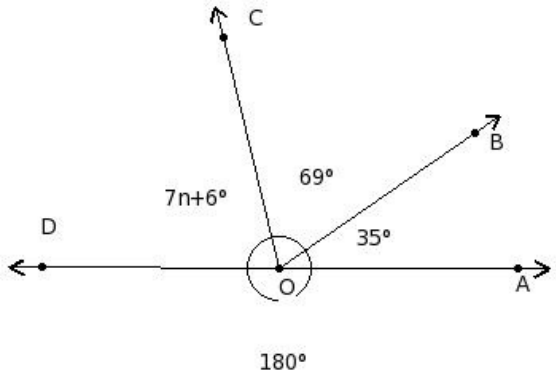
(i) 4 (ii) 3 (iii) 1 (iv) (-1) (v) 2

17. Find the value of h in the figure below



(i) 21 (ii) 15 (iii) 17 (iv) 18 (v) 19

18. Find the value of n in the figure below



(i) 7 (ii) 9 (iii) 10 (iv) 12 (v) 11

Assignment Key

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