

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



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



- (i) obtuse angle (ii) complete angle (iii) right angle (iv) acute angle (v) straight angle
- 3. What fraction of clockwise revolution does the hour hand of a clock covers, when it goes from 12 to 1?

	1			1		1		1
(i)	10	(ii) (<u> </u>	(iii)	4	(iv)	12	(v)	14

- 4. Find the number of right angles covered by the hour hand of clock when it goes from 4 to 8
 (i) 4 (ii) 0 (iii) 1 (iv) 2 (v) 3
- 5. The complementary angle of 36° is
 (i) 64° (ii) 59° (iii) 69° (iv) 84° (v) 54°
- 6. The supplementary angle of 161° is
 - (i) 29° (ii) 34° (iii) 19° (iv) 24° (v) 49°
- 7. Find the complementary angles pair in the following
 (i) 72°,68° (ii) 82°,78° (iii) 42°,48° (iv) 32°,48° (v) 52°,58°

8. Find the supplementary angles pair in the following

(i) 174°,26° (ii) 204°,46° (iii) 164°,16° (iv) 194°,36° (v) 154°,16°

9. Where will the hour hand of a clock stop, if it starts from 10 and makes $\frac{1}{12}$ of a revolution clockwise?

(i) 14 (ii) 10 (iii) 11 (iv) 8 (v) 12

- 10. Where will the hour hand of a clock stop, if it starts from 8 and turns through 1 right angle?(i) 11 (ii) 10 (iii) 12 (iv) 9 (v) 13
- 11. Which of the following are adjacent angles in the below figure?



- (i) LROS, LTOP (ii) LPOQ, LQOR (iii) LQOR, LSOT (iv) LTOP, LQOR (v) LSOT, LQOR
- 12. Which of the following angles form a linear pair?



(i) (∠COD,∠DOE) (ii) (∠AOB,∠BOC) (iii) (∠BOC,∠COD) (iv) (∠DOE,∠EOF) (v) (∠EOF,∠FOA)

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



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



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

15. State the angle between the two hands of the clock when the time is 6 A.M.



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



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



- (i) acute angle (ii) right angle (iii) straight angle (iv) reflex angle (v) obtuse angle
- 18. State the type of angle between the two hands of the clock when the time is 9 A.M.



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

- 19. What fraction of clockwise revolution does the hour hand of a clock covers, when it goes from 10 to 4?
 - (i) $\frac{1}{2}$ (ii) 1 (iii) $\frac{1}{4}$ (iv) $\frac{3}{2}$ (v) $(\frac{-1}{2})$
- 20. Find the number of right angles covered by the hour hand of clock when it goes from 7 to 5(i) 2 (ii) 0 (iii) 4 (iv) 3 (v) 1

21. The complementary angle of 16° is

(i) 104° (ii) 89° (iii) 84° (iv) 79° (v) 74°

- 22. The supplementary angle of 176° is
 - (i) 34° (ii) 9° (iii) 14° (iv) 4° (v) 19°
- 23. Find the complementary angles pair in the following

(i) 87°,3° (ii) 77°,3° (iii) 117°,23° (iv) 127°,33° (v) 97°,13°

24. Find the value of h in the figure below



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

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

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