



1. The following angle represents



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

2. The number of vertices in a square pyramid are

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

3. The representation  $\overleftrightarrow{GH}$  indicates

- (i) line (ii) angle (iii) arc (iv) ray (v) line segment

4. Which of the following is a zero angle?

- (i)  $55^\circ$  (ii)  $0^\circ$  (iii)  $90^\circ$  (iv)  $150^\circ$  (v)  $285^\circ$

5. A line that intersects two lines at two different points is called

- (i) coplanar lines (ii) perpendicular lines (iii) parallel lines (iv) concurrent lines (v) transversal

6. The diagonals are equal in a

- a) rectangle  
b) rhombus  
c) trapezium  
d) parallelogram  
e) square

- (i) {d,b,a} (ii) {b,a} (iii) {c,e} (iv) {c,e,a} (v) {a,e}

7. A polygon with 3 sides is called a

- (i) quadrilateral (ii) pentagon (iii) octagon (iv) triangle (v) decagon

8. The following angle represents

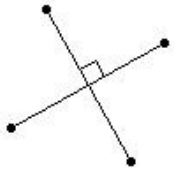


- (i) complete angle (ii) acute angle (iii) obtuse angle (iv) reflex angle (v) zero angle

9. The complementary angle of  $44^\circ$  is

- (i)  $56^\circ$  (ii)  $46^\circ$  (iii)  $76^\circ$  (iv)  $61^\circ$  (v)  $51^\circ$

10. The following lines represent



- (i) concurrent lines (ii) intersecting lines (iii) perpendicular lines (iv) coplanar lines (v) parallel lines

11. Find the supplementary angles pair in the following

- (i)  $120^\circ, 60^\circ$  (ii)  $150^\circ, 80^\circ$  (iii)  $130^\circ, 70^\circ$  (iv)  $110^\circ, 60^\circ$  (v)  $160^\circ, 90^\circ$

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

- (i)  $\frac{1}{4}$  (ii)  $\frac{1}{8}$  (iii)  $\frac{1}{2}$  (iv)  $(-\frac{1}{6})$  (v)  $\frac{1}{6}$

13. Which of the following are measures of an acute angled triangle ?

- (i)  $\angle O = 56.94^\circ$  ,  $\angle P = 56.94^\circ$  ,  $\angle Q = 66.12^\circ$  (ii)  $\angle O = 45^\circ$  ,  $\angle P = 90^\circ$  ,  $\angle Q = 45^\circ$   
(iii)  $\angle O = 43.03^\circ$  ,  $\angle P = 90^\circ$  ,  $\angle Q = 46.97^\circ$  (iv)  $\angle O = 119.06^\circ$  ,  $\angle P = 29.31^\circ$  ,  $\angle Q = 31.63^\circ$   
(v)  $\angle O = 131.42^\circ$  ,  $\angle P = 20.92^\circ$  ,  $\angle Q = 27.66^\circ$

14. Multiple lines which pass through the same point are called

- (i) intersecting lines (ii) parallel lines (iii) coplanar lines (iv) concurrent lines (v) perpendicular lines

15. The number of edges in a triangular pyramid are

- (i) 7 (ii) 6 (iii) 5 (iv) 4 (v) 9

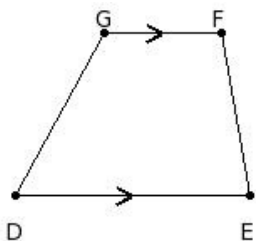
16. The number of edges in a square pyramid are

- (i) 8 (ii) 9 (iii) 6 (iv) 10 (v) 7

17. Which of the following are measures of an isosceles right angled triangle ?

- (i)  $\angle E = 59.3^\circ$  ,  $\angle F = 52.02^\circ$  ,  $\angle G = 68.68^\circ$  (ii)  $\angle E = 91.04^\circ$  ,  $\angle F = 41.8^\circ$  ,  $\angle G = 47.16^\circ$   
(iii)  $\angle E = 45.57^\circ$  ,  $\angle F = 45.57^\circ$  ,  $\angle G = 88.86^\circ$  (iv)  $\angle E = 60^\circ$  ,  $\angle F = 60^\circ$  ,  $\angle G = 60^\circ$   
(v)  $\angle E = 45^\circ$  ,  $\angle F = 90^\circ$  ,  $\angle G = 45^\circ$

18. Identify the figure below



- (i) parallelogram (ii) trapezium (iii) square (iv) rectangle (v) kite

19. Which of the following is a reflex angle?

- (i)  $360^\circ$  (ii)  $180^\circ$  (iii)  $250^\circ$  (iv)  $90^\circ$  (v)  $58^\circ$

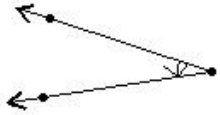
20. The number of vertices in a cube/cuboid are

- (i) 7 (ii) 11 (iii) 8 (iv) 5 (v) 9

21. How many sides does a pentagon have?

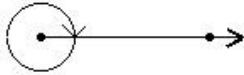
- (i) 7 (ii) 4 (iii) 6 (iv) 2 (v) 5

22. The following angle represents



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

23. The following angle represents

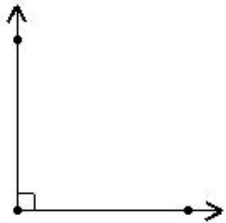


- (i) complete angle (ii) right angle (iii) reflex angle (iv) acute angle (v) obtuse angle

24. Name all quadrilaterals whose opposite angles are equal

- (i) parallelogram, square, rhombus, rectangle (ii) square, kite (iii) square, parallelogram  
(iv) rectangle, rhombus (v) square, rectangle

25. The following angle represents



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

## Assignment Key

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