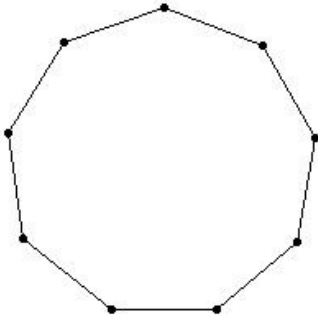


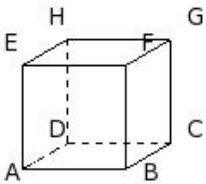


1. Identify the figure below



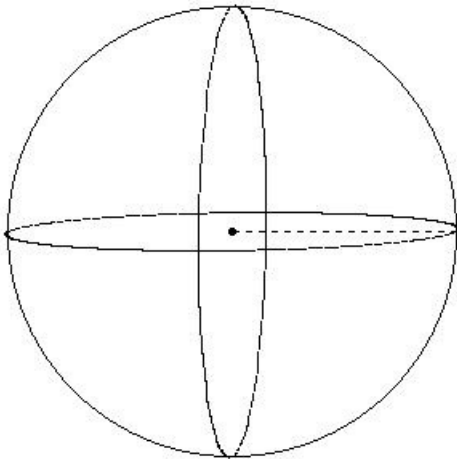
(i) decagon (ii) octagon (iii) pentagon (iv) heptagon (v) nonagon

2. Identify the figure below



(i) cuboid (ii) triangular prism (iii) cube (iv) cone (v) cylinder

3. Identify the figure below



(i) cuboid (ii) cylinder (iii) cone (iv) triangular prism (v) sphere

4. A polygon with 8 sides is called an

(i) quadrilateral (ii) pentagon (iii) octagon (iv) heptagon (v) decagon

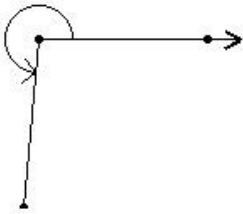
5. Find the measures of the three sides suitable to form a triangle?

(i) $MN = 17\text{ cm}$, $NO = 5\text{ cm}$, $OM = 11\text{ cm}$ (ii) $MN = 9\text{ cm}$, $NO = 18\text{ cm}$, $OM = 6\text{ cm}$

(iii) $MN = 16\text{ cm}$, $NO = 7\text{ cm}$, $OM = 5\text{ cm}$ (iv) $MN = 10\text{ cm}$, $NO = 14\text{ cm}$, $OM = 14\text{ cm}$

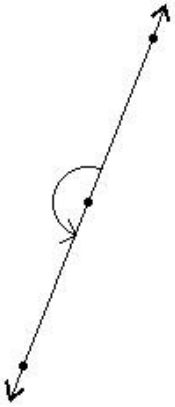
(v) $MN = 15\text{ cm}$, $NO = 9\text{ cm}$, $OM = 5\text{ cm}$

6. The following angle represents



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

7. The following angle represents



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

8. The number of edges in a square pyramid are

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

9. A polygon with 6 sides is called a

- (i) pentagon (ii) triangle (iii) heptagon (iv) hexagon (v) decagon

10. Which of the following are true?

- a) A rectangle is a parallelogram
- b) A parallelogram is a square
- c) A rectangle is a square
- d) A parallelogram is a rectangle
- e) A square is a parallelogram

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

11. How many sides does a heptagon have?

- (i) 7 (ii) 8 (iii) 6 (iv) 4 (v) 10

12. Which of the following is a regular polygon with four sides?

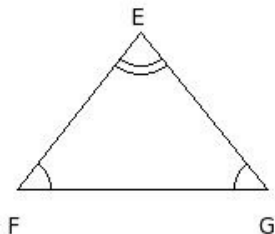
- (i) rhombus (ii) parallelogram (iii) square (iv) trapezium (v) rectangle

13. The diagonals do not divide the quadrilateral into congruent triangles in which figure?

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

14. Consider the following figure. State which of the following statements are true

- a) $\overline{GE} \neq \overline{EF}$
- b) $\overline{EF} = \overline{FG}$
- c) $\overline{GE} = \overline{EF}$
- d) $\overline{FG} \neq \overline{GE}$
- e) $\overline{FG} = \overline{GE}$
- f) $\overline{EF} \neq \overline{FG}$



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

15. Which of the following are measures of a scalene triangle ?

- (i) $PQ = 13 \text{ cm}$, $QR = 13 \text{ cm}$, $RP = 13 \text{ cm}$ (ii) $PQ = 12 \text{ cm}$, $QR = 15 \text{ cm}$, $RP = 12 \text{ cm}$
- (iii) $PQ = 14 \text{ cm}$, $QR = 15 \text{ cm}$, $RP = 11 \text{ cm}$ (iv) $PQ = 12 \text{ cm}$, $QR = 12 \text{ cm}$, $RP = 16.97 \text{ cm}$
- (v) $PQ = 11 \text{ cm}$, $QR = 14 \text{ cm}$, $RP = 11 \text{ cm}$

16. The distance around the circle is called

- (i) radius (ii) arc (iii) circumference (iv) diameter (v) chord

17. Name all quadrilaterals whose diagonals are perpendicular and bisect each other

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

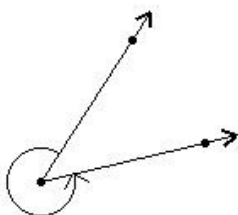
18. Which of the following are measures of an equilateral triangle ?

- (i) $\angle D = 45^\circ$, $\angle E = 90^\circ$, $\angle F = 45^\circ$ (ii) $\angle D = 52.43^\circ$, $\angle E = 90^\circ$, $\angle F = 37.57^\circ$
- (iii) $\angle D = 60^\circ$, $\angle E = 60^\circ$, $\angle F = 60^\circ$ (iv) $\angle D = 61.28^\circ$, $\angle E = 48.74^\circ$, $\angle F = 69.98^\circ$
- (v) $\angle D = 73.74^\circ$, $\angle E = 53.13^\circ$, $\angle F = 53.13^\circ$

19. Which of the following is an obtuse angle?

- (i) 90° (ii) 349° (iii) 152° (iv) 57° (v) 360°

20. The following angle represents



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

21. The number of edges in a triangular pyramid are

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

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

- (i) 9 (ii) 7 (iii) 8 (iv) 5 (v) 10

23. Consider the following figure \overleftrightarrow{RL} . State which of the following statements are true?

a) R,L are end points of line segment

\overline{HN}

b) R,L are points on the line segment

\overline{HN}

c) R,L are end points of line segment

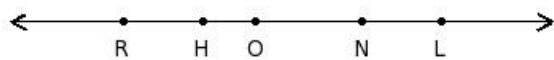
\overline{RL}

d) O,N are end points of line segment

\overline{NR}

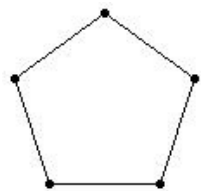
e) R,H,O,L,N are points on the line

\overleftrightarrow{RL}



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

24. Identify the figure below



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

25. Which of the following are true?

a) A rhombus is a square

b) A square is a rectangle

c) A square is a rhombus

d) A rectangle is a square

e) A parallelogram is a square

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

Assignment Key

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