

VI-Mathematics Assignment No-07-Understanding Elementary shapes.Fill the gap in the following statements.

- (Q1) The number of segments that can be drawn from two points is _____
- (Q2) Two segments are equal if they are of -----
- (Q3) The sum of any two sides of a \triangle is than the third side
- (Q4) Each angle of an equilateral \triangle is -----
- (Q5) In an isosceles \triangle , base angles are -----
- (Q6) In a right angled triangle, it is necessary to have one angle as -----
- (Q7) The sides of a scalene \triangle are always -----
- (Q8) In an obtuse angled triangle, one angle must be ----- 90° .

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- (Q9) Reflex angle is always 180°
- but 360°
- (Q10) One complete angle 360°
- (Q11) Two right angles means 180°
- (Q12) The hour hand of a clock stops at if it starts at 12 and makes $\frac{1}{2}$ revolution clockwise
- (Q13) The angle formed in half-revolution is
- (Q14) The number of degrees between the hands of a clock when the time is 3 o'clock
- (Q15) In a scalene \triangle all sides are
- (Q16) If two sides of a \triangle are equal, it is an triangle
- (Q17) In an isosceles right angled \triangle angle is 90° and sides are equal.

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- (Q18) All Sides of a rhombus are ---.
- (Q19) Diagonals of a rhombus are at ---.
- (Q20) A rectangle can be a square if length and breadth are ---.
- (Q21) A kite is a quadrilateral if two pairs of adjacent sides are ---.
- (Q22) The minimum number of sides of a polygon is ---.
- (Q23) The number of sides of a polygon are --- to its number of angles.
- (Q24) The number of Vertices of a cuboid are ---.
- (Q25) The minute hand of a clock describes an angle of --- in one complete round.

ANSWERS.

(Q1) One	(9) more than less than	(16) Isosceles	(23) Equal
(2) Same length	(10) 360°	(17) one, two	(24) Eight
(3) Greater	(11) 180°	(18) Equal	(25) 360°
(4) 60°	(12) 6	(19) right angle	
(5) Equal	(13) Straight angle	(20) Equal	
(6) right angle	(14) 90°	(21) Equal	
(7) unequal	(15) Unequal	(22) Three	
(8) Greater			