



VIDYA BHARATI SCHOOL

OLYMPIAD WORKSHEET: January - 2018

GRADE: V

SUBJECT: MATHEMATICS

Q1 Perimeter of a rectilinear figure is

- A) Sum of all sides B) Product of sides C) Both a and b D) None of them

Q2 Which of the following is not a rectilinear figure

- A) Triangle B) Rectangle C) Circle D) Square

Q3 Area of a rectangle is

- A) $2(\text{length} \times \text{breadth})$
B) $\text{length} \times \text{breadth}$
C) $2(\text{length} + \text{breadth})$
D) None of them

Q4 The number of square on a game board of each side 8cm, if the side of each square is 1cm is

- A) 24 B) 32 C) 48 D) 64

Q5 The perimeter and area of a square are numerically equal. The length of a side of the square is

- A) 1 unit B) 2 units C) 4 units D) 8 units

Q6 The radius if a circle is 7 cm. Its circumference is

- A) 14cm B) 21cm C) 22cm D) 44cm

Q7 How many chords of a circle can we draw?

- A) 1 B) 2 C) 4 D) Any Number

Q8 How many pairs of parallel lines are there in a rectangle?

- A) 1 B) 2 C) 4 D) None of them

Q9. How many degrees does the minute hand of a clock turns through in one hour?

- A) 90° B) 180° c) 270° d) 360°

- Q 10. The complement of an angle of 65° is
 A) 15° B) 25° C) 30° D) 35°
- Q11. If two supplementary angles are equal what is the size of each?
 A) 30° B) 45° C) 60° D) 90°
- Q12. Which type of angle has a measure that is smaller than a right angle?
 A) acute B) Obtuse C) Straight D) Reflex
- Q13 Each of the following is smaller than a straight angle except
 A) Acute angle B) obtuse angle C) reflex angle D) right angle
- Q 14 Which of the following statement best describes two parallel lines?
 A) They meet at exactly one points B) They meet at exactly two points C) They are always the same distance apart
 D) They form a right angle
- Q 15 The measure of each angle of an equilateral triangle
 A) 30° B) 45° C) 60° D) 50°
- Q 16 Which of the following can be the angles of a triangles?
 A) $30^\circ 50^\circ 80^\circ$ B) $40^\circ 75^\circ 65^\circ$ C) $50^\circ 40^\circ 70^\circ$ D) $62^\circ 38^\circ 90^\circ$
- Q 17 In an equilateral triangle
 A) all sides are equal B) all angles are equal C) both (a) and (b) D) none of them
- Q18 Which of the following cannot be the lengths of three sides of triangle?
 (A) 6cm, 7cm, 12cm B) 5cm, 6cm, 11cm C) 4cm, 5cm, 7cm D) none of them
- Q19 Two angles of triangle are 40° and 25° respectively. The third angle is
 A) 35° B) 25° C) 65° D) 115°
- Q 20 In a triangle ABC $\angle A = 90^\circ$ then the hypotenuse is
 A) AB B) BC C) CA D) Any of these

*For more practice material please click: www.brilliant.org; www.sofolympiadtrainer.co
www.olympiadhelper.com