



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

Subject- Mathematics Worksheet- 12 Class – 5

Date -22.04.2020

Chapter- Circles

- Q Answer the following questions (MCQ) : (1×15):

Q1: A line going through the midpoint from one side to the other side of a circle is called

- A. angle
- B. area
- C. radius
- D. diameter

Q2: A line which connects any two points on a circle is known as

- A. perimeter
- B. diameter
- C. chord
- D. radius

Q3: A line from the center to the circumference of a circle is known as

- A. diameter
- B. radius
- C. area
- D. midpoint

Q4: In terms of radius, a diameter is equals to

- A. $2 + r$
- B. $2r$
- C. $r/2$
- D. $2r$

Q5: Circumference of the circle is calculated by

- A. $2\pi r$
- B. $2\pi r^2$
- C. $\pi r/2$
- D. πr

Q6: The formula used to measure circumference of circle is

- A. $2\pi r$
- B. $\pi r^2 + 2r$
- C. πr^2
- D. πr^2

Q7: In the formula $2\pi r$, the 'r' is considered as

- A. circumference

- B. area
- C. perimeter
- D. radius

Q8: If the circumference of circle is 64π then the area of circle (in terms of π) is

- A. 664 cm^2
- B. $1024\pi \text{ cm}^2$
- C. $1050\pi \text{ cm}^2$
- D. $512\pi \text{ cm}^2$

Q9: The formula used to measure area of circle is

- A. $4\pi r^2$
- B. πr^2
- C. $2\pi r^2$
- D. $\pi r^2 + 2r$

Q10: If the circumference of circle is 82π then the value of 'r' is

- A. 41 cm
- B. 82 cm
- C. 27.34 cm

Q11 : A line going through the midpoint from one side to the other side of a circle is called

- A. angle
- B. area
- C. radius
- D. diameter

Q12: A line which connects any two points on a circle is known as

- A. perimeter
- B. diameter
- C. chord
- D. radius

Q13: A line from the center to the circumference of a circle is known as

- A. diameter
- B. radius
- C. area
- D. midpoint

Q14: In terms of radius, a diameter is equals to

- A. $2 + r$
- B. $2r$

Q 15 : Circumference of the circle is calculated by

- A. $2\pi r$
- B. $2\pi r'$
- C. $\pi r/2$
- D. πr

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