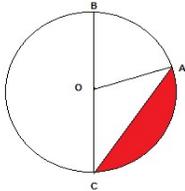


## CLASS 6<sup>TH</sup> MATHEMATICS HOLIDAY HOMEWORK WORKSHEET: 02

Note: Attempt all the questions in a separate holiday homework copy.

Q1.

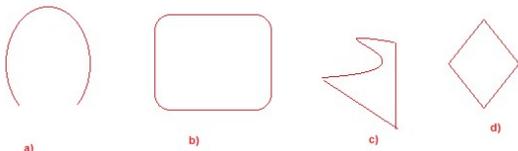


- (a) Write the Diameter in the figure
- (b) Write the radius in the figure
- (c) Write the chord in the figure
- (d) What is the red portion called
- (e)  $BC = \_\_\_ OC$

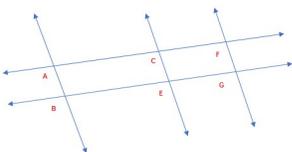
Q2. Which is of these is not a polygon



Q3. Which is of these is not a closed curve



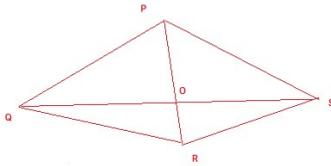
Q5.



Please find below based on above figure

- (a) A pair of intersecting lines
- (b) A pair of parallel lines
- (c) Intersecting points
- (d) Write down two line segments in the figure
- (e) Represent all the lines in the figure

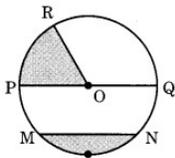
**Q6.** (a) Find all the triangles in the above figures



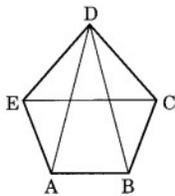
(b) Find all the angles in the figure.

**Q7.** Identify the following in the given figure:

- (a) Sector
- (b) Chord
- (c) Diameter
- (d) Segment.



**Q8.** In the given figure, name all the line segments:



**Q9.** Find three rational numbers between  $\frac{1}{5}$  and  $\frac{1}{3}$ .

**Q10.** There are 7 plates. Six biscuits are placed on each plate. If 4 biscuits are taken away from each plate, how many biscuits are left on the plates? Write the mathematical statement.

**Q11.** Write the following numbers in standard numerals.

- (a)  $1,00,000 + 70,000 + 8,000 + 900 + 20 + 3$
- (b)  $70,00,000 + 2,00,000 + 4,000 + 50 + 8$
- (c)  $5,00,00,000 + 6,00,000 + 40,000 + 3,000 + 800 + 5$

**Q12.** Write the following numbers in figures.

- (a) Six lakh twenty thousand eighty-seven
- (b) Twenty-nine lakh forty thousand thirty-eight
- (c) Three crore five lakh thirty-six thousand seven

**Q13.** Using the properties, find the values of each of the following:

(a)  $736 \times 102$

(b)  $8165 \times 169 - 8165 \times 69$

**Q14.** Observe the following patterns and extend them by two more terms:

$$15873 \times 7 \times 1 = 111111$$

$$15873 \times 7 \times 2 = 222222$$

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**Q15.** Represent the following on number line:

(a)  $3 + 4$

(b)  $6 - 2$

(c)  $2 \times 4$

**Q16.** A dealer purchased 124 LED sets. If the cost of one set is ₹38,540, determine their total cost.

**Q17.** Find the product of the greatest 3-digit number and the greatest 2-digit number.

**Q18.** 320 km distance is to be covered partially by bus and partially by train. Bus covers 180 km distance with a speed of 40 km/h and the rest of the distance is covered by the train at a speed of 70 km/h. Find the time taken by a passenger to cover the whole distance.

**Q19.** Solve the following and establish a pattern:

(a)  $84 \times 9$

(b)  $84 \times 99$

(c)  $84 \times 999$

(d)  $84 \times 9999$

**Q20.** Ramesh buys 10 containers of juice from one shop and 18 containers of the same juice from another shop. If the capacity of each container is same and the cost of each of the container is ₹150, find the total money spend by Ramesh.