

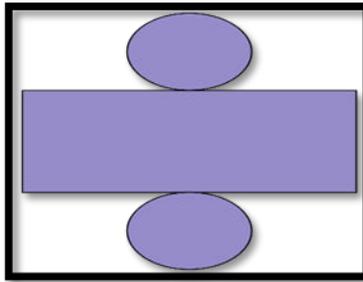
1076 NADI SANGAM SCHOOL
YEAR 8 MATHS WORKSHEET 2 - 2021
There are twenty multiple-choice questions in this section.
Circle the letter of the best answer.

1) The place value of 7 in the number 364.217 is _____.

- A ones
- B hundredths
- C thousandths
- D tenths

2) What is the value of x in the equation $\frac{x + 2}{3} = 12$

- A. 30 B. 6 C. 17 D. 34



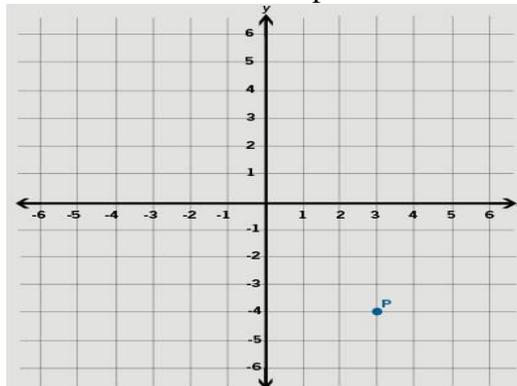
3) The diagram above shows the net of a.....

- A. pyramid
- B. cylinder
- C. Tetrahedron
- D. Cuboid

4) The total interior angle of a nonagon is

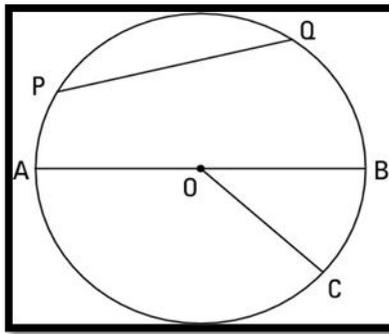
- A 540°
- B 900°
- C 1260°
- D 1080°

5) Find the co-ordinate of point P from the co-ordinate plane below



- A (3, -4) B (-4, 3) C(3, 4) D(-3,-4)

Refer to the diagram given below to answer the question that follows.

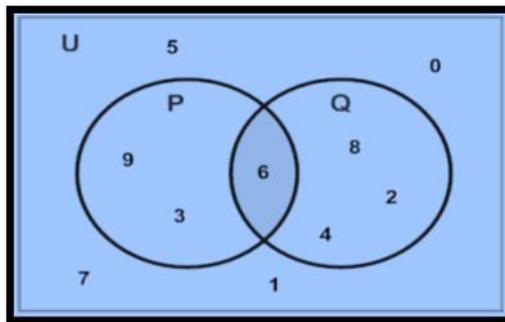


6) Line **AB** is a

- A diameter
- B tangent
- C circumference
- D radius

7) $\frac{2}{5}$ expressed as a percentage is

- A 40%
- B 20%
- C 50%
- D 25%

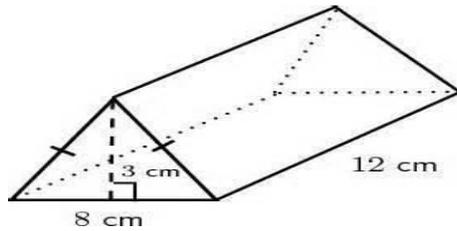


8) List **P U Q**.....

- A (0, 1, 2, 3, 4, 5, 6, 7, 8, 9)
- B ((2, 3, 4, 6, 8, 9)
- C (0, 1, 2, 4, 5, 6, 8)
- D (0.1, 3, 5, 6, 7, 9)

9) 4.75km = _____m

- A 47.5m
- B 4750m
- C 475000m
- D 475m



10) The volume of above triangular prism is -----

- A 288cm³
- B 60cm³
- C 144cm³
- D 132cm³

11) How many edges does a square pyramid has?

- A 12
- B 8
- C 6
- D 5

12) Raj bought a bicycle and sold it for \$300 and made a 20% loss. The cost price of the bicycle is

- A \$280
- B \$375
- C \$250
- D \$320

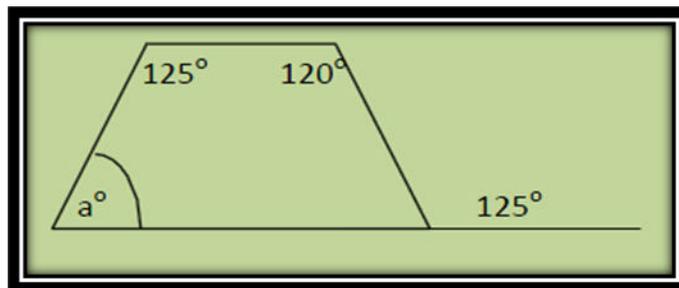
13) A car left Suva at 2.30pm and arrived at Sigatoka at 4.30pm. It travelled at a speed of 120km/hr. Find the distance covered in the travel?

- A 60 km
- B 360 km
- C 240 km
- D 40 km

14) $(3x^2)^2$ simplified would be

- A $6x^4$
- B $3x^4$
- C $9x^2$
- D $9x^4$

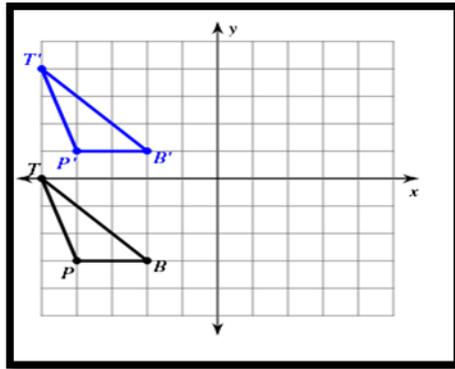
15)



The value for **a** is.....

- A. 125⁰
- B. 60⁰
- C. 120⁰
- D. 75⁰

16)



Triangle (P B T) is translated

- A 4 units up
- B 4 units up and 3 units left
- C 4 units down
- D 3 units right and 4 units down

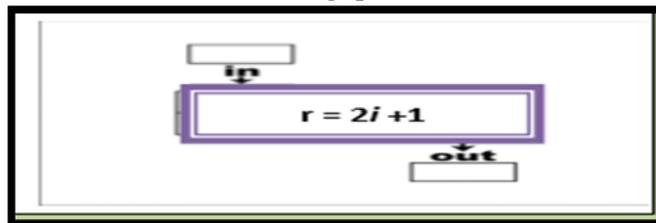
Study the picture below and answer question



17) The above drum holds 200 litres of water when full. Jale used $\frac{1}{5}$ of the water from the drum. How much water is left in the drum?

- A 40L
- B 100L
- C 125L
- D 160L

Use these number machines to answer the following question



18) If the input is 12 what will be the output.....

- A. 17
- B. 25
- C. 23
- D. 11

19) $4a^2 \times 6a = \dots\dots\dots$

- A. $12a$
- B. $7a$
- C. $12a^2$
- D. $12a^3$

20) What is **HCF** of 24 and 36?

- A. 6
- B. 3
- C. 12
- D. 4