પુ·ના International School

Shree Swaminarayan Gurukul, Zundal

SUMMATIVE ASSIGNMENT -2 2021-22	
Grade – 4	**Subject- MATHS**
Syllabus – CH - 8, 9, 11, 12, and 13	**FROM TEXTBOOK**

Section - A

Q1. Multiple choice questions -

1. The total length of the boundary of the circle is its?
   a. Chord b. Square c. Diameter d. **Circumference**
2. All line segments drawn from the center of a circle to a point on the circle, are called_____
   a. Chord b. Center c. Diameter d**. Radius**
3. After dividing a number, the leftover is called _____.
   a. **Remainder** b. Quotient c. Dividend d. Divisor
4. 25 ÷ 5 Quotient = _____.
   a. 3 b. 2 c. **5** d. 6
5. _____ of a circle are of equal lengths.
   a. **Radii** b. Chord c. Centre d. Circumference
6. 11 × _____ = 77.
   a. 9 b. 6 c. 10 d. **7**
7. 1 kilogram = _____ gram.
   a. 100 b. 10 c. **1000** d. 10000
8. Radius = _____ / 2.
   a. **Diameter** b. Radius c. Chord d. Fixed point
9. 14 x 20 = _____.
   a. 120 b. 280 c. 200 d. 820
10. 126 x _____ = 12600.
    a. 10 b. 1 c. 1000 d. **100**
11. The weight of the apple will be
    a. 15kg b. 1500kg c. **150g** d. 1500g
12. Three quarter means _____.
    a. 2/4 b. 3/2 c. **¾** d. ¼
13. The weight of the Candy will be
    a. **25g** b. 250kg c. 2500g d. 25000g
14. Half means 1 part out of _____
    a. **2** b. 0 c.1 d. 3
15. Which of the following is heavier? a mobile or bike.
    a. mobile b. **bike** c. both d. None
16. Formula Area of rectangle = _____.
    a. L x L b. 4 x l c. **L x B** d. 2(l + b)
17. How many 5 rupees coins are there in ₹1650?
    a. 320 b. **330** c. 340 d. 350
18. Each diameter is formed of two _____.
    a. **Radii** b. Diameter c. Chord d. Circumference
19. In $\frac{3}{8}$, _____is the numerator.
    a. 4 b. 2 c. 8 d. **3**

20. In $\frac{6}{9}$, ____ is the denominator.

a. **9** b. 6 c. 7 d. 15

21. A bus has 60 seats. 40 seats are vacant. How many seats are already occupied?

a. 60 + 40 b. 60÷40 c. 60 × 40 d. **60 – 40**

22. A circle is formed by a

a. Straight line b **Curved line** c zig-zig line d. None of these

23. 3 kg 150g = _____g.

a. 30150g b. 3050g c. **3150g** d. 31500g

24. 10 kg = _____g.

a. **10000g** b. 1000g c. 100000g d. 10g

25. The length of the boundary surrounded a shape is called ____

a. Area b. Circle c. **Perimeter** d. triangle

Section – B

Q2. Define:-

a) Perimeter – **The total length of all the line segments of a closed figure is called its perimeter.**

b) Area – **The region enclosed betweenboundaries of a figure.**

c) Circle -**A circle is a round shaped figure that has no corners or edges**.

d) Chord -**A chord is a line segment joining any two points on the circle.**

e) Diameter - **The longest chord which pass through the centre is called diameter.**

f) Radius -**The line segment joining the centre of the circle to any point on the circle is called the radius of the circle.**

g) Centre - **The fixed point is called the centre of the circle.**

h) Fraction: **A fraction is a small part or proportion of something.**

i) Numerator - **Number written above the line in a fraction is called numerator.**

j) Denominator - **Number written below the line in a fraction is called denominator.**

Q3. Convert Kilogram into gram -

a) 1kg 200g **= 1kg x 1000 + 200g**
= 1000g +200g
= 1200g

b) 33kg 450g **= 33kg x 1000 + 450g**
= 33000g + 450g
= 33450g

c) 54kg 230g =
d) 11kg 220g =
e) 17kg 110g =
f) 28kg 100g =
g) 19kg 263g =
h) 16kg 173g =

Q4. Find the perimeter -

1) Side = 11cm

Solve - Perimeter of square = 4×side

= 4 x 11 cm

= 44 cm

2) Side = 26 cm
3) Side = 55 cm
4) Length =10cm and Breadth = 5cm

Solve - Perimeter of rectangle = 2 (L + B)

= 2 (10cm + 5cm)

= 2 × 15cm

= 30cm.

5) Length = 17m, breadth = 13 m
6) Length = 15cm , breadth = 5cm
7) Length = 22m ,breadth =14m

Q6. Subtraction of Like Fractions -

a) $\frac{2}{5} - \frac{1}{5}$

$$= \frac{2-1}{5}$$

$$= \frac{1}{5}$$

b) $\frac{3}{6} - \frac{1}{6} =$

$$= \frac{3-1}{6}$$

$$= \frac{2}{6}$$

c) $\frac{7}{11} - \frac{5}{11} =$

d) $\frac{7}{12} - \frac{1}{12} =$

e) $\frac{9}{10} - \frac{4}{10} =$

f) $\frac{2}{4} - \frac{1}{4} =$

g) $\frac{3}{3} - \frac{2}{3} =$

h) $\frac{4}{5} - \frac{3}{5} =$

Q7. Addition of weight -

a) 55kg 540g + 18kg 479g

	kg	g
	1 1	1
	5 5	5 4 0
+	1 8	4 7 9
	7 4	0 1 9

b) 25kg 595g + 15kg 345g
c) 75kg 582g + 13kg 410g
d) 24kg 215g + 6kg 797g
e) 23kg 940g + 12kg 90g
f) 49kg 150 + 18kg 60g
g) 20kg 872g + 17kg 230

Q8. Subtraction of weight -

a) 78kg 654g – 38kg 806g

	kg	g
	6 17	16 4 14
	~~7~~ ~~8~~	~~6~~ ~~5~~ ~~4~~
-	3 8	8 0 6
	3 9	8 4 8

b) 22kg 500g – 11kg 753g
c) 24kg 570g – 12kg 679g
d) 53kg 410g from 75kg 582g
e) 12kg 50g from 23kg 140g
f) 48kg 60g from 49kg 150g
g) 17kg 230 from 20kg 222g.

Q9. Find the area -

1) Side = 10 m

Solve –

Area of square = Side x Side

= 10 m x 10 m

= 100 sq. m

2) Side = 15 cm
3) Side = 16 m
4) Side = 50 m

5) Length = 12 cm, Breadth = 6 cm

Solve –

Area of rectangle = l × b

= 12 cm x 6 cm

= 72 sq.cm

6) Length = 20 cm, Breadth = 11 cm
7) Length = 18 m, Breadth = 13 m
8) Length = 22 m , breadth = 19 m

Section – C

Q9. Word problems-

1) There are 60 blocks and $\frac{3}{4}$ green in colour. How many blocks are not green?

solve - Total blocks = 60

¾ of them are green = $60 \times \frac{3}{4}$

$= 15 \times 3$

= 45 blocks are green

Blocks are not green (60 – 45) = 15.

2) Anita counted 12 students in the choir. Three quarters of the students have brown hair. How many students in the choir have brown hair?

solve -Total students = 12

Three quarter = 3/4

Three quarter of students have brown hair = $12 \times \frac{3}{4}$

$= 3 \times 3$

= 9 students have brown.

3) Find the length of rope required to fence a kitchen garden whose length is 4 m and breadth 2 m?

Solve - Here, Length = 4 m

Breadth = 2 m

Perimeter of a rectangle = 2(L + B)

= 2(4 m + 2 m)

= 2 × 6 m

= 12 m

4) Find out length wire needed to put a boundary round a square park. One side of the park is 55 m?

Solve -Here, Side of a square park is = 55 m.

Perimeter of a square = 4 × side

= 4 × 55 m

= 220 m

The total 220 m wire is needed to put a boundary.

5) A blanket 4 m long and 2 m broad is to be stitched with red ribbon around the edge. How much ribbon is needed? Find out the total cost of ribbon, if cost of ribbon is Rs 3 per m?

Solve - Here, Length = 4m

Breadth = 2m

Perimeter of rectangle blanket = 2(l + b)

= 2(4m + 2m)

= 2 × 6m

= 12m

Cost of 1m ribbon is = Rs 3

Total cost of 12m ribbon is = 12m × 3

= Rs 36.

6) Find the area of rectangular garden. The garden is 70 m long and 50 m wide.

Solve - Here, Length = 70m

Breadth = 50m

Area of rectangular garden = l × b

= 70m x 50m

= 3500sq.m

7) A square wall is to be painted. Its side is 200 cm. Find the area to be painted.

Solve - Here, side = 200cm

Area of square wall = s × s

= 200cm × 200cm

= 40000sq. cm

8) There are 18 packets of Rakhis. Each packet has 6 Rakhis in it. How many total Rakhis are altogether?

Solve - No. of packets of rakhis = 18

No. of rakhis in one packet = 6

Total rakhis in all = 18 × 6

= 108

Total 108 rakhis are altogether in boxes.

9) There are 10 packets of sugar. Saurabh paid 11 rupees for one packet. How much money need to pay for 10 packets of Sugar?

Solve - No. of packets of sugar = 10

Cost of one packet = Rs 11

Total cost of 10 packets of sugar = 10 × 11

= Rs 110

Total 110 rupees need to pay for 10 packets of Sugar.

10) Leela has not gone to school for 21 days. For how many weeks was she away from school?

Solve - Number of days in one week = 7
Leela has not gone to school for 21 days.

Number of weeks in 21 days = 21 ÷ 7

$$\begin{array}{r} 3 \\ 7\overline{)\,21} \\ -21 \\ \hline 00 \end{array}$$

Thus, Leela was away from school for 3 weeks.

11) Kajal made a necklace of 25 sea-shells. How many such necklaces can be made using 100 sea-shells?

Solve - No. of sea - shells in one necklace = 25

No. of sea – shells Kajal has = 100

Total no. of necklaces = 100 ÷ 25

$$\begin{array}{r} 4 \\ 25\overline{)\,100} \\ -100 \\ \hline 000 \end{array}$$

Kajal can make total 4 necklaces.

12) Manu purchased 55kg 300g of a packet of rice and 41kg 200g of a packet of wheat flour.

How much is the total weight of both the packets?

Solve: Weight of rice = 5kg 300g
Weight of wheat flour = 4kg 200g
Total weight of both the packets = 5kg 300g + 4kg 200g

$$\begin{array}{rrr} & \text{kg} & \text{g} \\ & 5 & 300 \\ + & 4 & 200 \\ \hline & 9 & 500 \end{array}$$

13) Rita bought 25 kg 630g of cherries. From that she used 22 kg 700g of cherries. How much cherries left with her? (Hw)

_____

_____

_____

14) One carton can hold 85 soap bars. Dhruvi wants to pack 255 soap bars. How many cartons does she need for packing all of them? (Hw)

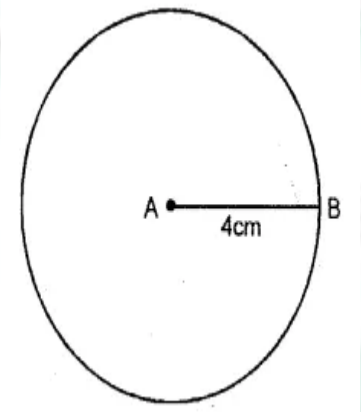
_____

_____

_____

Q10. Using rounder draw a circle of the given radius -

a) 4 cm



b) 3 cm
c) 5 cm
d) 5.5 cm
e) 4.5 cm
f) 2.5 cm.

All the best……