Admission No:_____ Roll no. _____

BK BIRLA CENTRE FOR EDUCATION

SARALA BIRLA GROUP OF SCHOOLS
SENIOR SECONDARYCO-ED DAY CUM BOYS' RESIDENTIAL SCHOOL

PERIODIC TEST -2 (2024-25)

Mathematics (041)

Invigilator Sign: Duration: 1 Hr.

Examiner Sign: Max. Marks: 25

Class : III Marks Obtained

Date : 06- 12 - 24

A. Fill in the blanks **1 x 5 = 5 M**

1. Write the fraction for  = $\frac{2}{4}$

2. Three eighths means $\frac{3}{8}$

3. The parts of a _whole_____ are called fractions.

4. 4 L + 11 L = ___15 L_____

5. 20 kg – 12 kg = ____8 kg_____

B. Do as directed **2 x 4 = 8 M**

6. Convert 11 km to m

   Sol. 1 km = 1000 m

   11 km = 11 x 1000

   = 11000 m

   11 km = 11000 m

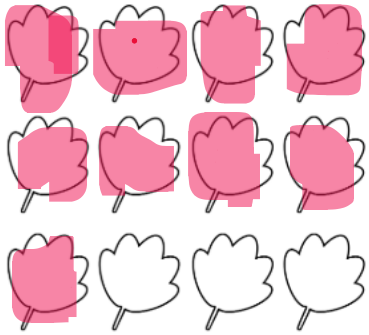
7. Arrange the following in column and add them
   57 L 345 ml, 20 L 55 ml and 9 L 846 ml.

   Sol

	L	ml
	57	345
	20	055
+	09	846
	87	246

8. Colour the fraction of collections as mentioned $\frac{3}{4}$ of 12

Sol .



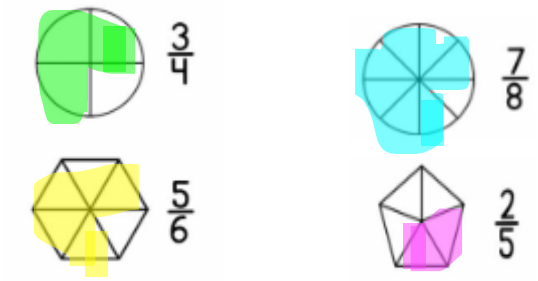
$\frac{3}{4}$ of 12

$= \frac{3 \times 12}{4}$

$= 9$

9. Shade the parts of the figures to show the given fractions.

Sol .



C. Solve the following **3 x 4 =12 M**

10. Convert 6245 m into kilometre

Sol. 1 m = $\frac{1}{1000}$ km

6245 m = 6000 m + 245 m

$= \frac{6000 + 245}{1000}$

= 6 km 245 m

11. Solve a. $\frac{1}{3}$ of 51 b. $\frac{1}{4}$ of 60

Sol.

$= \frac{1 \times 51}{3}$

$= 17$

$= \frac{1 \times 60}{4}$

$= 15$

12. Ramya bought 7 pencils. Out of these pencils, she gave 3 to her brother Pragyan. What fraction of pencils was there with Pragyan? Also find the fraction of pencils left with Ramya.

Sol. Total number of pencils Ramya bought = 7
No. of pencils given to Pragyan = 3
Fraction of pencils with fraction = $\frac{3}{7}$
Number of pencils left with Ramya = 7 – 3 = 4

Fraction of pencils left with Ramya = $\frac{4}{7}$

13. A flour mill had 92 kg 600 g of wheat grains. After grinding the grains, 87 kg 750 g flour is left. How much is the wastage?

Sol.
Mass before grinding = 92 kg 600 g
Mass after grinding = 87 kg 750 g
Mass of the wastage = 92 kg 600 g – 87 kg 750 g
= 4 kg 850 g

Mass of wastage is 4 kg 850 g

kg	g
92	600
87	750
04	850

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