

MATHEMATICS

Class IV

Marks : 50

Time : 2 hrs

1. Fill In The Blanks.

( 3 marks )

a. 3 m 56 cm = \_\_\_\_\_

b. 7476 m = \_\_\_\_\_ km \_\_\_\_\_ m

c. 4 kg 760 g = \_\_\_\_\_ g

d. \_\_\_\_\_ is neither a prime number nor a composite number.

e. Fractions which have same denominators are known as \_\_\_\_\_ fractions.

2. Express The Following As Mixed Fraction.

( 2 marks )

a.  $\frac{27}{5}$

b.  $\frac{13}{2}$

3. Arrange In Ascending Order

( 2 marks )

$\frac{7}{14}$  ,  $\frac{4}{7}$  ,  $\frac{11}{21}$

4. Add The Following

a.  $\frac{5}{4} + \frac{9}{4}$

( 1 mark )

b. 32 km 340 m and 45 km 642 m

( 2 marks )

c. 15 kg 350 g and 20 kg 50 g

( 2 marks )

( 3 marks )

5. Reduce To Lowest Form.

a.  $\frac{12}{36}$       b.  $\frac{16}{48}$

( 3 marks )

6. Check If The Following Are Equivalent Fractions.

a.  $\frac{3}{7}$  and  $\frac{12}{28}$

b.  $\frac{5}{11}$  and  $\frac{25}{35}$

7. Subtract The Following

( 1 mark )

a.  $\frac{19}{27} - \frac{12}{27}$

b. 17 kg 475 g from 27 kg 187 g

( 2 marks )

c. 398 km 472 m from 575 km 685 m

( 2 marks )

8. Find Three Equivalent Fractions Of

( 3 marks )

a.  $\frac{12}{16}$       b.  $\frac{1}{3}$

9. Write All Composite Numbers Between 1 and 10

( 1 mark )

10. Separate These Fractions Into Proper Fractions And Improper fractions

( 2 marks )

$\frac{6}{7}, \frac{3}{2}, \frac{4}{4}, \frac{4}{5}, \frac{2}{11}, \frac{13}{9}, \frac{18}{15}, \frac{3}{5}$

11. Check If 31725 Is Divisible By 3

( 2 marks )

12. Find The HCF of 54 and 72

( 3 marks )

13. Find The LCM Of 14 , 28 and 24

( 3 marks )

12. a. Find all the factors of 56

( 4 marks )

b. Find eight multiples of 7

13. Solve The Following

( 9 marks )

a. Sam watched  $\frac{2}{9}$  of the movie on Monday and  $\frac{5}{9}$  of the same movie on

Tuesday . Totally, what fraction of the movie has he watched ?

b. Ramu bought 20 kg 750 g of rice and 12 kg 150 kg of flour. How much grocery did he buy ?

c. The length of two ropes are 27 m 35 cm and 12 m 20 cm. Which rope is longer and by how much ?