

# FRACTIONS

## Assessment 4

Name: ..... Class: ..... Date: .....

1. Fill in the blanks:

- (a) A proper fraction always has the numerator \_\_\_\_\_ than its denominator.
- (b) A unit fraction has its numerator as \_\_\_\_\_.
- (c) A mixed fraction has a whole part and a \_\_\_\_\_ part.
- (d) The value of a proper fraction is always \_\_\_\_\_ (less/more) than 1.

2. Write the following fractions in the simplest form:

- (a)  $\frac{32}{48}$
- (b)  $\frac{45}{63}$
- (c)  $\frac{24}{72}$

3. Simplify:

- (a)  $\frac{2}{15} - \frac{2}{5}$
- (b)  $\frac{2}{3} \div \left( \frac{8}{6} \text{ of } \frac{1}{4} \right)$
- (c)  $1\frac{1}{2} + 2\frac{2}{3} + 3\frac{3}{4}$
- (d)  $\left( 2\frac{1}{4} - 1\frac{1}{4} \right) \div \left( 2\frac{1}{4} - 1 \right)$

4. What is to be added to  $3\frac{1}{4}$  to get 5?

5. What is to be multiplied with  $\frac{5}{6}$  to get  $\frac{2}{3}$ ?

6. What is to be subtracted from  $\frac{4}{7}$  to get  $\frac{1}{14}$ ?

7. Arrange in ascending order:  $\frac{3}{4}, \frac{1}{3}, \frac{1}{2}$

8. On a day, I spent  $\frac{3}{4}$  of my money on buying books and  $\frac{1}{2}$  of the remaining on buying pens. I spent the remaining ₹ 25 on snacks. How much money did I take to the market?  
What was the cost of the book?

9. Mr Lal wants to divide his savings of ₹ 21000 between his son and daughter so that his daughter gets  $\frac{3}{4}$  of the money his son gets. How much will the daughter get?

10. Ratan spends half of his pocket money on travelling and  $\frac{1}{3}$  of the remaining on snacks. If he still saves ₹ 24, how much was his pocket money?