# SHRI DHARMASTHALA MANJUNATHESHWARA SCHOOL, MANGALURU

## GRADE -7 MATHEMATICS

### L-2 Fractions and Decimals Worksheet 2

**Section A: Multiple Choice Questions (1-5)**

1. What is the decimal equivalent of ½ ?

a) 0.25 b) 0.5 c) 0.75 d) 1.0

2. Which fraction is equivalent to 0.75?

a) ¼ b) ½ c) ¾ d) $^{2}/_{3}$

3. What is the simplest form of $^{6}/_{8}$ ?

a) ½ b) ¾ c) $^{2}/_{3}$ d) $^{3}/_{8}$

4. What is the decimal equivalent of $^{3}/_{4}$?

a) 0.25 b) 0.5 c) 0.75 d) 1.0

5. Which decimal is equivalent to $^{2}/_{5}$ ?

a) 0.2 b) 0.4 c) 0.6 d) 0.8

**Section B: Short Answer Questions**

6. Convert $^{1}/_{4}$ to a decimal.

7. Simplify $^{8}/_{12}$.

8. Convert 0.6 to a fraction.

9. Add $^{1}/_{6}$ and $^{1}/_{6}$.

10. Subtract $^{1}/_{4}$ from $^{3}/_{4}$.

**Section C: Long Answer Questions**

11. A bookshelf is ¾ full. If it can hold 24 books, how many books are on the shelf?

12. A water bottle can hold 1.5 liters of water. If 0.5 liters are already filled, what fraction of the bottle is filled?

13. A pizza is divided into 8 slices. If 3 slices are eaten, what fraction of the pizza is left?

14. A bakery sells $^{1}/_{2}$ kg of bread for ₹20. How much will ¾ kg of bread cost?

15. A car travels $^{3}/_{5}$ of a distance in 1 hour. If the total distance is 25 km, how many kilometers are left to travel?

**Section D: Word Problems**

16. Rohan has 15 pencils. He gives $^{1}/_{3}$ of them to his friend. How many pencils does Rohan have left?

17. A water tank can hold 2400 liters of water. If $^{3}/_{4}$ of the tank is filled, how many more liters can be added?

18. A fruit vendor sells ½ kg of apples for ₹50. If he sells 2 kg of apples, how much money will he get?

19. A student scored $^{3}/_{5}$ marks in a test. If the total marks are 50, how many marks did the student score?

20. A car travels $^{2}/_{3}$ of a distance at a speed of 60 km/h. If the total distance is 180 km, how many kilometers did the car travel at 60 km/h?