

Worksheet

- State true or false.
 - In the fraction $\frac{3}{7}$, 3 is the numerator and 7 is the denominator.
 - $\frac{1}{2}$ and $\frac{3}{8}$ are equivalent fractions.
- Fill in the blanks.
 - $\frac{2}{5} = \frac{\quad}{15}$
 - $\frac{4}{5}$ is a _____ fraction.
- Identify proper, improper and mixed fractions from the list.
 $\frac{1}{2}, \frac{9}{7}, \frac{3}{8}, \frac{8}{3}, \frac{5}{3}, 1\frac{2}{3}, 3\frac{4}{5}$
- Convert the following improper fractions to mixed fractions. $\frac{5}{3}, \frac{7}{4}, \frac{5}{4}$
- What is the equivalent fraction of
 - $\frac{14}{15}$ with numerator 42?
 - $\frac{17}{24}$ with denominator 72?
- Express the following as improper fraction.
 - $1\frac{8}{15}$
 - $2\frac{7}{9}$
- Anita got $\frac{3}{14}$ of the cake, whereas Sunita got $\frac{1}{21}$ of the cake. Who got a bigger piece?
- What should we multiply with $2\frac{4}{10}$ to get $1\frac{7}{8}$?
- Sheetal travelled $\frac{1}{10}$ of the journey by bus and $\frac{1}{4}$ by car, and the remaining 78 km she travelled by railway. What was the total distance?
- Simplify the following: $\frac{1}{3}$ of $\left(\frac{2}{3} - \frac{1}{4}\right) + \frac{5}{6}$
- Divide the sum of $\frac{1}{4}$ and $\frac{1}{5}$ by their difference.
- Arrange $\frac{3}{8}, \frac{3}{4}$ and $\frac{1}{6}$ in ascending order.
- Shyam purchased $4\frac{1}{2}$ kg of mangoes and $3\frac{1}{6}$ kg of apples. What is the total weight of fruits purchased by him?
- A box of toys is $\frac{5}{7}$ full when 2 kg of weight is removed from it. What is the original weight of the box?
- The cost of $\frac{5}{7}$ kg of rice is ₹ 210. What is the cost of 5 kg of the same quality of rice?
- A man gives $\frac{1}{3}$ amount to his wife, $\frac{1}{4}$ amount to his son and the remaining amount equally to his two daughters. If each daughter received ₹ 60,000, what was the total amount?

Answers to Worksheet

1. a. True b. False 2. a. 6 b. Proper
3. Proper $\frac{1}{2}, \frac{3}{8}$; Improper $\frac{9}{7}, \frac{8}{3}, \frac{5}{3}$; Mixed $1\frac{2}{3}, 3\frac{4}{5}$
4. $1\frac{2}{3}, 1\frac{3}{4}, 1\frac{1}{4}$
5. a. $\frac{42}{45}$ b. $\frac{51}{72}$ 6. a. $\frac{23}{15}$ b. $\frac{25}{9}$
7. Anita 8. $\frac{25}{32}$ 9. 120 km 10. $\frac{35}{36}$ 11. 9
12. $\frac{1}{6}, \frac{3}{8}, \frac{3}{4}$ 13. $\frac{23}{3}$ kg 14. 7 kg 15. ₹ 1470 16. ₹ 2,88,000