

Subject: Mathematics

Class: 3

Topic: Types of Fractions

Levels: Basic, Intermediate, Advanced

Level: Basic

1. A fraction whose numerator is smaller than the denominator is called a _____ fraction.
2. In the fraction $\frac{3}{5}$, the number 5 is called the _____.
3. Rahul ate $\frac{1}{4}$ of a pizza. Identify if $\frac{1}{4}$ is a Proper or Improper fraction: _____
4. Identify the fraction of shaded stars: ★ ★ ★ ☆ ☆ . Answer: _____
5. Fractions with the same denominators are called _____ fractions.
6. Draw a circle and shade $\frac{1}{2}$ of it. (●)
7. Which is a Proper fraction? (A) $\frac{7}{5}$ (B) $\frac{2}{5}$. Answer: _____
8. Write the fraction for 'two-fifths': _____
9. If Diya has 4 laddoos and she gives 1 to her friend, what fraction did she give? _____
10. A fraction representing a part of a whole is called a _____ fraction.

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Level: Intermediate

1. A fraction where the numerator is greater than or equal to the denominator is an _____ fraction.
2. Identify the Like fractions from this group: (1/5, 2/7, 3/5, 4/9). Answer: _____
3. Convert the improper fraction $\frac{5}{2}$ into a visual form using circles ● ● and a half ●.
4. Are $\frac{3}{8}$ and $\frac{5}{8}$ Like or Unlike fractions? _____
5. Identify: Is $\frac{11}{7}$ a Proper or Improper fraction? _____
6. If Kabir has $\frac{3}{10}$ of a ₹100 note and Aman has $\frac{7}{10}$, do they have Like fractions? _____
7. Write an Improper fraction using the numbers 8 and 3: _____
8. Unlike fractions have _____ (same / different) denominators.
9. What do you call a fraction like $\frac{1}{2}$, $\frac{1}{3}$, or $\frac{1}{4}$ that has 1 as the numerator? _____
10. Pick the Unlike fraction to $\frac{4}{9}$: (A) $\frac{1}{9}$ (B) $\frac{2}{9}$ (C) $\frac{5}{7}$. Answer: _____

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Level: Advanced

1. A combination of a whole number and a proper fraction is called a _____ fraction.
2. Identify the Mixed fraction: (A) $\frac{9}{4}$ (B) $2\frac{1}{3}$ (C) $\frac{5}{5}$. Answer: _____
3. Convert 'Three and a half' into a Mixed fraction symbol: _____
4. If a plate has 2 full rotis and $\frac{1}{4}$ of a roti, write it as a mixed fraction: _____
5. Challenge: Can a Proper fraction ever be greater than 1? (Yes / No): _____
6. Change $\frac{7}{4}$ into a Mixed fraction (Hint: 1 whole and $\frac{3}{4}$): _____
7. Write any two Unlike fractions with denominator 7 and 9: _____
8. Which is greater? $\frac{1}{4}$ of a chocolate or $\frac{3}{4}$ of the same chocolate? _____
9. Show $1\frac{2}{4}$ using squares: ■ + ■ (shaded partially).
10. Why is $\frac{5}{5}$ considered an Improper fraction? _____