

Subject: Mathematics

Class: 4

Topic: Understanding Fractions

Levels: Basic, Intermediate, Advanced

Level: Basic

1. In the fraction $\frac{3}{4}$, the number 3 is called the _____ (Numerator/Denominator).
2. Rahul ate half of a chocolate bar. Write this as a fraction: _____.
3. A circle is divided into 4 equal parts. Shade ? ? (2 parts). What fraction is shaded? _____.
4. In the fraction $\frac{5}{8}$, what is the denominator? _____.
5. Write the fraction for 'two-fifths': _____.
6. If a pizza is cut into 6 equal slices and Priya eats 1 slice, she ate $\frac{1}{_____}$ of the pizza.
7. Are $\frac{1}{2}$ and $\frac{2}{4}$ equivalent fractions? (Yes/No): _____.
8. Draw ? ? ? ? (4 triangles). Circle $\frac{1}{4}$ of them. How many did you circle? _____.
9. Write the missing number: $\frac{1}{3} = \frac{2}{_____}$.
10. A collection has 10 flowers ?. What is $\frac{1}{2}$ of 10? _____.

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Level: Intermediate

1. Compare using $>$ or $<$: $\frac{1}{5}$ [] $\frac{4}{5}$.
2. Amit has ₹100. He spent $\frac{1}{4}$ of it on a pen. How many rupees did he spend? _____.
3. Add the fractions: $\frac{2}{7} + \frac{3}{7} =$ _____.
4. Which is bigger: $\frac{1}{2}$ of a cake or $\frac{1}{4}$ of the same cake? _____.
5. Convert the improper fraction $\frac{5}{2}$ into a mixed number: _____.
6. Sita has 12 apples. $\frac{1}{3}$ of them are red. How many red apples does she have? _____.
7. Subtract: $\frac{9}{10} - \frac{4}{10} =$ _____.
8. Identify the unit fraction in this list: $\frac{2}{3}$, $\frac{1}{5}$, $\frac{4}{7}$, $\frac{3}{8}$. Answer: _____.
9. Represent $\frac{3}{4}$ on a number line that goes from 0 to 1.
10. If a box has 8 ? symbols, draw $\frac{3}{8}$ of the box here: _____

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1. Meena bought 1 kg of sugar. She used $\frac{3}{4}$ kg to make sweets. How much sugar is left? _____ kg.
2. Solve: $1 - \frac{5}{8} =$ _____.
3. A rope is 20 meters long. If $\frac{2}{5}$ of the rope is cut, what is the length of the remaining rope? _____ m.
4. Find the sum: $1\frac{1}{2} + 2\frac{1}{2} =$ _____.
5. In a class of 40 students, $\frac{3}{5}$ are girls. How many boys are there in the class? _____.
6. Write three equivalent fractions for $\frac{1}{3}$: _____, _____, _____.
7. Compare these fractions: $\frac{2}{3}$ [] $\frac{3}{4}$. (Hint: Make denominators same).
8. Anish saves $\frac{1}{10}$ of his pocket money every month. If his pocket money is ₹500, how much does he save?
₹ _____.
9. What fraction of an hour (60 minutes) is 15 minutes? (Simplify your answer): _____.
10. Challenge: If ? represents $\frac{1}{4}$ of a shape, how many ? do you need to make 2 whole shapes? _____.