

PRACTICE WORKSHEET 2: FRACTIONS | CLASS 5 MATHEMATICS

Multiple Choice Questions (MCQs)

- Which of the following is a proper fraction?
 - $9/4$
 - $5/5$
 - $3/8$
 - $11/7$
- What is the fraction in its lowest term for $24/36$?
 - $4/9$
 - $2/3$
 - $8/12$
 - $6/9$
- What is the result of multiplying $1/2$ and $1/3$?
 - $2/5$
 - $1/6$
 - $3/5$
 - $1/5$
- The reciprocal of which fraction is $4/3$?
 - $3/4$
 - $4/4$
 - $1/3$
 - $3/2$
- How much is $3/5 + 1/5$?
 - $4/5$
 - $5/5$
 - $3/10$
 - 1

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Fill in the Blanks

1. Fractions with the same denominator are called _____ fractions.
 2. $\frac{15}{20}$ is equivalent to _____ when reduced to its lowest term.
 3. To add fractions with unlike denominators, we first find the _____.
 4. Multiplying two proper fractions always results in a fraction _____ than the original ones.
 5. 8 divided by $\frac{4}{5}$ equals _____.
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True or False

1. A fraction is in its lowest term when its numerator and denominator are divisible by the same number.
 2. $\frac{6}{9}$ is greater than $\frac{3}{6}$.
 3. Adding a whole number and a fraction always gives an improper fraction.
 4. Dividing fractions is the same as multiplying by the reciprocal.
 5. $\frac{5}{8}$ of a number is smaller than $\frac{7}{8}$ of the same number.
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Direct Numerical Questions

1. Convert $2\frac{3}{4}$ into an improper fraction.
 2. Subtract $\frac{4}{7}$ from $\frac{5}{7}$.
 3. Divide 9 by $\frac{3}{4}$.
 4. Multiply $\frac{7}{10}$ by $\frac{4}{5}$.
 5. Find the reciprocal of $2\frac{1}{3}$.
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Word Problems

1. A pizza was cut into 8 slices. If Maria ate 3 slices and her brother ate 2 slices, what fraction of the pizza is left?
2. A water tank is filled with $\frac{3}{5}$ of its capacity. After using $\frac{1}{5}$ of the water, how much water remains?
3. A rope of $\frac{4}{5}$ meters is divided into 5 equal parts. What is the length of each part?
4. A farmer has $2\frac{1}{2}$ acres of land. He sells $1\frac{3}{4}$ acres. How much land does he have left?
5. A train covers $\frac{5}{6}$ of its journey in the first hour. If it completes the rest in 2 hours, what fraction of the journey does it complete per hour for the remaining time?

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Answer Key with Explanations

Multiple Choice Questions (MCQs)

1. c) $\frac{3}{8}$ - Proper fractions have numerators smaller than denominators.
2. b) $\frac{2}{3}$ - Simplify by dividing numerator and denominator by 12.
3. b) $\frac{1}{6}$ - Multiply numerators and denominators.
4. a) $\frac{3}{4}$ - The reciprocal of $\frac{4}{3}$ is $\frac{3}{4}$.
5. a) $\frac{4}{5}$ - Add the numerators of like fractions.

Fill in the Blanks

1. Like.
2. $\frac{3}{4}$.
3. Least Common Denominator (LCD).
4. Smaller.

True or False

1. False - It should have no common factors except 1.
2. True.
3. False - It depends on the value of the whole number and fraction.
4. True.
5. True.

Direct Numerical Questions

1. $1\frac{1}{4}$.
2. $\frac{1}{7}$.
3. $\frac{28}{50} = \frac{14}{25}$.
4. $\frac{7}{3}$.

Word Problems

1. $\frac{3}{8}$ of the pizza is left.
2. $\frac{3}{5} - \frac{1}{5} = \frac{2}{5}$.
3. $\frac{4}{5} \div 5 = \frac{4}{25}$ meters.
4. $2\frac{1}{2} - 1\frac{3}{4} = \frac{3}{4}$ acres left.
5. $\frac{1}{6}$ per hour.