

Fraction Questions Worksheet 5th Grade Answer Key PDF

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Part 1: Building a Foundation

What is the numerator in the fraction $\frac{3}{4}$?

undefined. 3 ✓

undefined. 4

undefined. 7

undefined. 1

The numerator is the top number of the fraction, which is 3.

Which of the following are proper fractions?

undefined. $\frac{5}{6}$ ✓

undefined. $\frac{7}{7}$

undefined. $\frac{9}{4}$

undefined. $\frac{2}{3}$ ✓

Proper fractions have numerators that are less than their denominators.

Explain what an equivalent fraction is and provide an example.

An equivalent fraction is a fraction that represents the same value as another fraction. For example, $\frac{1}{2}$ is equivalent to $\frac{2}{4}$.

List the parts of a fraction and define each.

1. Part 1:

Numerator

2. Part 2:

Denominator

A fraction consists of a numerator (the top part) and a denominator (the bottom part).

Which fraction is a mixed number?

undefined. $8/3$

undefined. $1 \frac{1}{2}$ ✓

undefined. $5/5$

undefined. $2/8$

A mixed number consists of a whole number and a proper fraction, such as $1 \frac{1}{2}$.

Part 2: comprehension and Application

Which fraction is equivalent to $2/3$?

undefined. $4/6$ ✓

undefined. $3/2$

undefined. $6/9$

undefined. $1/3$

The equivalent fraction to $2/3$ is $4/6$.

Select all fractions that are equivalent to $1/2$.

undefined. $2/4$ ✓

undefined. $3/6$ ✓

undefined. $4/8$ ✓

undefined. $5/10$ ✓

Fractions equivalent to $1/2$ include $2/4$, $3/6$, and $4/8$.

Describe how you would simplify the fraction $12/16$.

To simplify $12/16$, divide both the numerator and denominator by their greatest common divisor, which is 4, resulting in $3/4$.

If you have $\frac{3}{4}$ of a pizza and eat $\frac{1}{4}$, how much pizza do you have left?

undefined. $\frac{1}{2}$ ✓

undefined. $\frac{1}{4}$

undefined. $\frac{2}{4}$

undefined. $\frac{3}{4}$

After eating $\frac{1}{4}$ of the pizza, you have $\frac{2}{4}$ or $\frac{1}{2}$ left.

You have $\frac{1}{3}$ of a cake and your friend gives you another $\frac{2}{3}$. How much cake do you have now?

undefined. $\frac{1}{3}$

undefined. $\frac{2}{3}$

undefined. $\frac{3}{3}$ ✓

undefined. 1 ✓

You now have $\frac{3}{3}$ of the cake, which is equal to 1 whole cake.

Solve the following: You have $\frac{5}{8}$ of a cup of sugar, and you need $\frac{3}{8}$ more to bake a cake. How much sugar will you have in total?

You will have $\frac{8}{8}$ of a cup of sugar, which equals 1 cup.

Part 3: Analysis, Evaluation, and Creation

Which of the following pairs of fractions are in simplest form?

undefined. $\frac{4}{8}$ and $\frac{2}{4}$

undefined. $\frac{3}{9}$ and $\frac{1}{3}$

undefined. $\frac{6}{12}$ and $\frac{3}{6}$

undefined. $\frac{5}{10}$ and $\frac{2}{5}$ ✓

The pair $\frac{2}{5}$ is in simplest form, while the others can be simplified.

Identify the fractions that are greater than $\frac{1}{2}$.

undefined. $\frac{3}{4}$ ✓

undefined. $1/3$

undefined. $5/8$ ✓

undefined. $2/5$

Fractions greater than $1/2$ include $3/4$ and $5/8$.

Analyze the relationship between the fractions $3/4$ and $6/8$. Are they equivalent? Explain why or why not.

Yes, $3/4$ and $6/8$ are equivalent because $6/8$ simplifies to $3/4$.

Which of the following fractions is the largest?

undefined. $2/3$ ✓

undefined. $3/5$

undefined. $4/6$

undefined. $5/8$

The largest fraction is $2/3$.

Select all statements that correctly describe the fraction $7/10$.

undefined. It is greater than $1/2$. ✓

undefined. It is a proper fraction. ✓

undefined. It can be simplified further.

undefined. It is less than $3/4$. ✓

The statements that correctly describe $7/10$ are that it is greater than $1/2$, it is a proper fraction, and it is less than $3/4$.

Create a real-world problem involving fractions and provide a solution.

An example could be sharing a pizza among friends and calculating how much each person gets.

Design a recipe that requires three different fractions of ingredients. List the fractions and explain how you would combine them.

1. Ingredient 1:

$1/2$ cup of sugar

2. Ingredient 2:

1/4 cup of butter

3. Ingredient 3:

1/8 cup of milk

A recipe could include $\frac{1}{2}$ cup of sugar, $\frac{1}{4}$ cup of butter, and $\frac{1}{8}$ cup of milk, combined to make a cake.