

Whole Numbers Fraction Questions Worksheet 5th Grade Answer Key PDF

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Part 1: Building a Foundation

What is a whole number?

undefined. A) A number with a decimal

undefined. B) A negative number

undefined. C) A non-negative number without fractions or decimals ✓

undefined. D) A fraction with a numerator of 1

A whole number is a non-negative number without fractions or decimals.

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undefined. B) A negative number

undefined. C) A non-negative number without fractions or decimals ✓

undefined. D) A fraction with a numerator of 1

A whole number is a non-negative number without fractions or decimals.

Which of the following are whole numbers? (Select all that apply)

undefined. A) 5 ✓

undefined. B) -3

undefined. C) 0 ✓

undefined. D) 2.5

Whole numbers include 0 and positive integers.

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undefined. A) 5 ✓

undefined. B) -3

undefined. C) 0 ✓

undefined. D) 2.5

Whole numbers include 0 and positive integers.

Which of the following are whole numbers? (Select all that apply)

undefined. A) 5 ✓

undefined. B) -3

undefined. C) 0 ✓

undefined. D) 2.5

Whole numbers include non-negative integers.

Define a proper fraction and give an example.

A proper fraction is a fraction where the numerator is less than the denominator. For example, $\frac{3}{4}$ is a proper fraction.

Define a proper fraction and give an example.

A proper fraction is a fraction where the numerator is less than the denominator. An example is $\frac{3}{4}$.

Define a proper fraction and give an example.

A proper fraction is a fraction where the numerator is less than the denominator.

Which of the following is an improper fraction?

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

undefined. B) $\frac{5}{2}$ ✓

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

undefined. D) $\frac{2}{5}$

An improper fraction has a numerator that is greater than or equal to its denominator.

Which of the following is an improper fraction?

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

undefined. B) $\frac{5}{2}$ ✓

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

undefined. D) $\frac{2}{5}$

An improper fraction is a fraction where the numerator is greater than or equal to the denominator. The correct answer is $\frac{5}{2}$.

Which of the following is an improper fraction?

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

undefined. B) $\frac{5}{2}$ ✓

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

undefined. D) $\frac{2}{5}$

An improper fraction has a numerator that is greater than or equal to its denominator.

Part 2: Comprehension and Application

What is the result of adding $\frac{1}{4}$ and $\frac{3}{4}$?

undefined. A) $\frac{1}{2}$

undefined. B) 1 ✓

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

undefined. D) $\frac{4}{4}$

The result of adding $\frac{1}{4}$ and $\frac{3}{4}$ is 1.

What is the result of adding $\frac{1}{4}$ and $\frac{3}{4}$?

undefined. A) $\frac{1}{2}$

undefined. B) 1 ✓

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

undefined. D) $\frac{4}{4}$

The result of adding $\frac{1}{4}$ and $\frac{3}{4}$ is 1.

What is the result of adding $\frac{1}{4}$ and $\frac{3}{4}$?

undefined. A) $\frac{1}{2}$

undefined. B) 1 ✓

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

undefined. D) $\frac{4}{4}$

The result of adding $\frac{1}{4}$ and $\frac{3}{4}$ is 1.

Which of the following fractions are equivalent to $\frac{1}{2}$? (Select all that apply)

undefined. A) $\frac{2}{4}$ ✓

undefined. B) $\frac{3}{6}$ ✓

undefined. C) $\frac{4}{8}$ ✓

undefined. D) $\frac{5}{10}$ ✓

Fractions equivalent to $\frac{1}{2}$ include $\frac{2}{4}$, $\frac{3}{6}$, $\frac{4}{8}$, and $\frac{5}{10}$.

Which of the following fractions are equivalent to $\frac{1}{2}$? (Select all that apply)

undefined. A) $\frac{2}{4}$ ✓

undefined. B) $\frac{3}{6}$ ✓

undefined. C) $\frac{4}{8}$ ✓

undefined. D) $\frac{5}{10}$ ✓

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Which of the following fractions are equivalent to $\frac{1}{2}$? (Select all that apply)

undefined. A) $\frac{2}{4}$ ✓

undefined. B) $\frac{3}{6}$ ✓

undefined. C) $\frac{4}{8}$ ✓

undefined. D) $\frac{5}{10}$ ✓

Equivalent fractions represent the same value.

Explain how to convert an improper fraction to a mixed number.

To convert an improper fraction to a mixed number, divide the numerator by the denominator to find the whole number, and use the remainder as the new numerator over the original denominator.

Explain how to convert an improper fraction to a mixed number.

To convert an improper fraction to a mixed number, divide the numerator by the denominator and express the remainder as a fraction.

Explain how to convert an improper fraction to a mixed number.

To convert an improper fraction to a mixed number, divide the numerator by the denominator.

If you have 3 whole pizzas and $\frac{1}{2}$ of another pizza, how many pizzas do you have in total?

undefined. A) 3

undefined. B) $3\frac{1}{2}$ ✓

undefined. C) 4

undefined. D) $4\frac{1}{2}$

You have a total of $3\frac{1}{2}$ pizzas.

If you have 3 whole pizzas and $\frac{1}{2}$ of another pizza, how many pizzas do you have in total?

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You have a total of $3\frac{1}{2}$ pizzas.

If you have 3 whole pizzas and $\frac{1}{2}$ of another pizza, how many pizzas do you have in total?

undefined. A) 3

undefined. B) $3\frac{1}{2}$ ✓

undefined. C) 4

undefined. D) $4\frac{1}{2}$

You have a total of $3\frac{1}{2}$ pizzas.

You have a recipe that requires $\frac{2}{3}$ cup of sugar. If you want to make half of the recipe, how much sugar do you need? (Select all that apply)

undefined. A) $\frac{1}{3}$ cup ✓

undefined. B) $\frac{1}{2}$ cup

undefined. C) $\frac{1}{6}$ cup

undefined. D) $\frac{2}{6}$ cup

To make half of the recipe, you need $\frac{1}{3}$ cup of sugar.

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undefined. A) $\frac{1}{3}$ cup ✓

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You have a recipe that requires $\frac{2}{3}$ cup of sugar. If you want to make half of the recipe, how much sugar do you need? (Select all that apply)

undefined. A) $\frac{1}{3}$ cup ✓

undefined. B) $\frac{1}{2}$ cup

undefined. C) $\frac{1}{6}$ cup

undefined. D) $\frac{2}{6}$ cup

To make half of the recipe, you need $\frac{1}{3}$ cup of sugar.

Part 3: Analysis, Evaluation, and Creation

What is the relationship between the fractions $\frac{2}{3}$ and $\frac{4}{6}$?

undefined. **A) They are equivalent ✓**

undefined. B) $\frac{2}{3}$ is greater

undefined. C) $\frac{4}{6}$ is greater

undefined. D) They are unrelated

The fractions $\frac{2}{3}$ and $\frac{4}{6}$ are equivalent.

What is the relationship between the fractions $\frac{2}{3}$ and $\frac{4}{6}$?

undefined. **A) They are equivalent ✓**

undefined. B) $\frac{2}{3}$ is greater

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undefined. D) They are unrelated

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undefined. C) $\frac{4}{6}$ is greater

undefined. D) They are unrelated

The fractions $\frac{2}{3}$ and $\frac{4}{6}$ are equivalent.

Analyze the following fractions and identify which are greater than $\frac{1}{2}$. (Select all that apply)

undefined. **A) $\frac{3}{5}$ ✓**

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

undefined. **C) $\frac{2}{3}$ ✓**

undefined. D) $\frac{5}{10}$

Fractions greater than $\frac{1}{2}$ include $\frac{3}{5}$ and $\frac{2}{3}$.

Analyze the following fractions and identify which are greater than $\frac{1}{2}$. (Select all that apply)

undefined. A) $\frac{3}{5}$ ✓

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

undefined. C) $\frac{2}{3}$ ✓

undefined. D) $\frac{5}{10}$

Fractions greater than $\frac{1}{2}$ include $\frac{3}{5}$ and $\frac{2}{3}$.

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undefined. C) $\frac{2}{3}$ ✓

undefined. D) $\frac{5}{10}$

Fractions greater than $\frac{1}{2}$ include $\frac{3}{5}$ and $\frac{2}{3}$.

Compare and contrast whole numbers and fractions in terms of their properties and uses.

Whole numbers are used for counting and ordering, while fractions represent parts of a whole.

Compare and contrast whole numbers and fractions in terms of their properties and uses.

Whole numbers are non-negative integers, while fractions represent parts of a whole. Both have unique properties and applications in mathematics.

Compare and contrast whole numbers and fractions in terms of their properties and uses.

Whole numbers are non-negative integers, while fractions represent parts of a whole.

Evaluate the following statement: "All improper fractions can be converted into whole numbers." Is this true or false?

undefined. A) True

undefined. B) False ✓

undefined. C) Not applicable

undefined. D) Depends on the fraction

This statement is false; improper fractions can be converted to mixed numbers but not all are whole numbers.

Evaluate the following statement: "All improper fractions can be converted into whole numbers." Is this true or false?

undefined. A) True

undefined. B) False ✓

undefined. C)

undefined. D)

This statement is false; not all improper fractions can be converted into whole numbers.

You are given the task to divide a cake into 8 equal parts and share it among 5 people. Which of the following fractions represent the portion each person gets? (Select all that apply)

undefined. A) $\frac{1}{8}$ ✓

undefined. B) $\frac{5}{8}$ ✓

undefined. C) $\frac{3}{8}$

undefined. D) $\frac{8}{5}$

Each person gets $\frac{1}{8}$ of the cake, and the total shared is $\frac{5}{8}$.

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undefined. A) $\frac{1}{8}$ ✓

undefined. B) $\frac{5}{8}$

undefined. C) $\frac{3}{8}$

undefined. D) $\frac{8}{5}$

Each person gets $\frac{1}{8}$ of the cake.

Create a word problem involving fractions and whole numbers, then solve it.

**An example could be: If you have 2 whole pizzas and $\frac{1}{3}$ of another, how many pizzas do you have?
The answer is $2\frac{1}{3}$ pizzas.**

Create a word problem involving fractions and whole numbers, then solve it.

**An example could be: If you have 2 whole pizzas and $\frac{3}{4}$ of another, how many pizzas do you have?
The answer is $2\frac{3}{4}$ pizzas.**

Create a word problem involving fractions and whole numbers, then solve it.

A sample word problem could involve adding whole numbers and fractions.