Whole Number Fraction Questions Worksheet 5th Grade

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Part 1: Building a Foundation

What is a whole number?

Hint: Think about numbers without fractions or decimals.

- ◯ A) A number with a decimal
- ◯ B) A fraction
- ◯ C) A number without fractions or decimals
- ◯ D) A negative number

Which of the following are examples of fractions? (Select all that apply)

Hint: Look for numbers that represent parts of a whole.

- ☐ A) 1/2
- ☐ B) 3
- ☐ C) 4/5
- ☐ D) 7.5

Explain what an equivalent fraction is and provide an example.

Hint: Think about fractions that represent the same value.

List two examples of whole numbers and two examples of fractions.

Hint: Think of simple numbers for both categories.

1. Example of a whole number:

2. Example of a whole number:

3. Example of a fraction:

4. Example of a fraction:

Which fraction is equivalent to 2/4?

Hint: Think about simplifying the fraction.

- ◯ A) 1/2
- ◯ B) 3/4
- ◯ C) 2/3
- ◯ D) 1/4

Part 2: comprehension and Application

What is the result of adding 1/4 and 1/4?

Hint: Think about adding fractions with the same denominator.

- ◯ A) 1/2
- ◯ B) 1/8
- ◯ C) 2/4
- ◯ D) 1

Which of the following statements are true about the fraction 3/6? (Select all that apply)

Hint: Consider the properties of the fraction.

- ☐ A) It is equal to 1/2
- ☐ B) It is greater than 1/2
- ☐ C) It can be simplified to 1/2

- [ ] D) It is an improper fraction

Describe how you would convert the improper fraction 9/4 into a mixed number.

Hint: Think about dividing the numerator by the denominator.

If you have 3 whole pizzas and you eat 1/2 of one pizza, how much pizza do you have left?

Hint: Think about subtractively calculating the amount of pizza left.

- ◯ A) 2 1/2 pizzas
- ◯ B) 2 pizzas
- ◯ C) 3 1/2 pizzas
- ◯ D) 2 1/4 pizzas

Which of the following are equivalent to 4/8? (Select all that apply)

Hint: Consider simplifying the fraction.

- [ ] A) 1/2
- [ ] B) 2/4
- [ ] C) 8/16
- [ ] D) 3/4

A recipe calls for 3/4 cup of sugar. If you want to make half of the recipe, how much sugar do you need?

Hint: Think about dividing the amount of sugar by 2.

Part 3: Analysis, Evaluation, and Creation

Which of the following statements is true about the fractions 2/3 and 3/4?

Hint: Consider comparing the two fractions.

- ◯ A) 2/3 is greater than 3/4
- ◯ B) 3/4 is greater than 2/3
- ◯ C) They are equal
- ◯ D) Cannot be compared

Analyze the fractions 5/10 and 1/2. Which statements are true? (Select all that apply)

Hint: Consider the relationship between the two fractions.

- ☐ A) They are equivalent
- ☐ B) 5/10 is greater than 1/2
- ☐ C) 1/2 is less than 5/10
- ☐ D) Both can be simplified to 1/2

Compare and contrast the fractions 7/8 and 5/6. Which is larger and why?

Hint: Think about the values of the fractions.

If you were to double the fraction 3/5, what would the new fraction be?

Hint: Think about multiplying the numerator by 2.

- ◯ A) 6/5
- ◯ B) 3/10
- ◯ C) 1 1/5
- ◯ D) 9/5

Evaluate the following statements about fractions. Which are correct? (Select all that apply)

Hint: Consider the properties of the fractions.

- ☐ A) 2/4 is the same as 1/2
- ☐ B) 4/8 is greater than 1/2
- ☐ C) 3/6 is less than 2/3
- ☐ D) 5/10 is equal to 1/2

Create a real-world problem involving fractions and solve it. Explain your reasoning and solution.

Hint: Think about a scenario where fractions are used.