[School Name]

Student Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Math Worksheet: Fractions and Ratios (Grade 5)

Multiple Choice (Choose the best answer):

1. What is the equivalent fraction of 2/4?

 a) 1/2

 b) 1/4

 c) 3/4

 d) 4/2

2. Which of the following ratios is equivalent to 3:5?

 a) 6:10

 b) 5:3

 c) 9:10

 d) 3:10

3. If you have 12 apples and you want to divide them equally among 3 friends, what fraction of the apples will each friend get?

 a) 1/12

 b) 1/4

 c) 1/3

 d) 1/2

4. What is 1/3 of 18?

 a) 3

 b) 6

 c) 9

 d) 12

5. Which fraction represents 3 out of 5 parts?

 a) 3/5

 b) 2/5

 c) 5/3

 d) 5/2

Short Answer:

6. Explain how to find the equivalent fraction of 1/4.

Long Answer:

7. A recipe for cookies requires 2 cups of flour and 1 cup of sugar. Write the ratio of flour to sugar in the simplest form.

8. There are 20 students in a class. 12 students like chocolate ice cream and 8 students like vanilla ice cream. What is the ratio of students who like chocolate ice cream to students who like vanilla ice cream?

Word Problem:

9. Sarah has a piece of ribbon that is 24 inches long. She wants to cut it into pieces that are each 1/3 of the total length. How many pieces of ribbon will she have?