Multiplying Fractions by Whole Numbers

Name: _____ Date: _____ Grade: Grade 4

Part A: Multiple Choice

Circle the best answer for each question.

1. Maya needs 2/3 cup of flour for one batch of muffins. If she makes 5 batches, how much flour does she use in total?

- ◯ A) 10/3 cups, which is 3 1/3 cups
- ◯ B) 2/15 cup
- ◯ C) 5/3 cups, which is 1 2/3 cups
- ◯ D) 7/3 cups, which is 2 1/3 cups

2. A ribbon is 3/4 yard long. If Jordan buys 6 of these ribbons, what is the total length?

- ◯ A) 9/4 yards, which is 2 1/4 yards
- ◯ B) 18/4 yards, which is 4 1/2 yards
- ◯ C) 3/24 yard
- ◯ D) 6/4 yards, which is 1 1/2 yards

3. Each glass holds 1/4 liter of juice. How much juice fills 9 glasses in all?

- ◯ A) 9/16 liter
- ◯ B) 1/36 liter
- ◯ C) 9/4 liters, which is 2 1/4 liters
- ◯ D) 4/9 liter

4. A bookshelf has 4 shelves, and each shelf is 5/8 meter wide. What is the total width if the shelves are placed end to end?

- ◯ A) 9/8 meters, which is 1 1/8 meters
- ◯ B) 5/32 meter
- ◯ C) 20/8 meters, which is 2 1/2 meters
- ◯ D) 4/13 meter

Part B: Fill in the Blank

Write the correct answer on each line.

1. If one batch needs 2/3 cup flour and Maya makes 5 batches, total flour is _____ cups.

2. Written as a mixed number, 10/3 cups equals _____ cups.

3. Six ribbons of length 3/4 yard each give a total length of _____ yards.

4. In simplest mixed-number form, 18/4 yards equals _____ yards.

5. Nine glasses of 1/4 liter each hold a total of _____ liters.

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- ○ D) 4/13 meter

Part B: Fill in the Blank

Write the correct answer on each line.

1. If one batch needs 2/3 cup flour and Maya makes 5 batches, total flour is **10/3** cups.
2. Written as a mixed number, 10/3 cups equals **3 1/3** cups.
3. Six ribbons of length 3/4 yard each give a total length of **18/4** yards.
4. In simplest mixed-number form, 18/4 yards equals **4 1/2** yards.
5. Nine glasses of 1/4 liter each hold a total of **9/4** liters.