



Multiplying Fractions by Whole Numbers

Name: _____

Date: _____

Grade: Grade 4

Part A: Multiple Choice

Circle the best answer for each question.

1. A pitcher uses $\frac{2}{3}$ cup lemon juice. Which equation finds 6 pitchers?

- A) $6 + \frac{2}{3} = j$
- B) $6 \times \frac{2}{3} = j$
- C) $6 \div \frac{2}{3} = j$
- D) $\frac{2}{3} - 6 = j$

2. Each wall needs $\frac{3}{4}$ gallon paint. Which equation finds 5 walls?

- A) $5 + \frac{3}{4} = p$
- B) $5 \times \frac{3}{4} = p$
- C) $\frac{3}{4} - 5 = p$
- D) $\frac{3}{4} \div 5 = p$

3. Each batch needs $\frac{5}{8}$ cup sugar. Which equation models 4 batches?

- A) $\frac{5}{8} - 4 = s$
- B) $4 \div \frac{5}{8} = s$
- C) $4 \times \frac{5}{8} = s$
- D) $4 + \frac{5}{8} = s$

4. A poster uses $\frac{1}{3}$ sheet of paper. Which equation finds 9 posters?

- A) $9 + \frac{1}{3} = s$
- B) $\frac{1}{3} - 9 = s$
- C) $9 \div \frac{1}{3} = s$
- D) $9 \times \frac{1}{3} = s$

Part B: Fill in the Blank

Write the correct answer on each line.

1. Lemonade: 6 pitchers \times $\frac{2}{3}$ cup juice = _____ cups of lemon juice.
2. Painting: 5 walls \times $\frac{3}{4}$ gallon = _____ gallons of paint needed.
3. Baking 4 batches \times $\frac{5}{8}$ cup sugar uses _____ cups of sugar total.
4. Posters: 9 posters \times $\frac{1}{3}$ sheet = _____ whole sheets of paper.
5. Trail mix: 7 bags \times $\frac{2}{5}$ cup nuts = _____ cups of nuts in all.

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Part B: Fill in the Blank

Write the correct answer on each line.

1. Lemonade: 6 pitchers \times $\frac{2}{3}$ cup juice = 4 cups of lemon juice.
2. Painting: 5 walls \times $\frac{3}{4}$ gallon = $\frac{15}{4}$ gallons of paint needed.
3. Baking 4 batches \times $\frac{5}{8}$ cup sugar uses $\frac{20}{8}$ cups of sugar total.
4. Posters: 9 posters \times $\frac{1}{3}$ sheet = 3 whole sheets of paper.
5. Trail mix: 7 bags \times $\frac{2}{5}$ cup nuts = $\frac{14}{5}$ cups of nuts in all.