



Adding and Subtracting Fractions with Unlike Denominators

Name: _____

Date: _____

Grade: Grade 5

Part A: Multiple Choice

Circle the best answer for each question.

1. Tina used $\frac{2}{3}$ cup sugar for cookies and $\frac{3}{4}$ cup for cake from 2 cups total. How much is left?

- A) $\frac{7}{12}$ cup
- B) $\frac{5}{12}$ cup
- C) $\frac{1}{2}$ cup
- D) 1 cup

2. A recipe needs $\frac{5}{8}$ cup milk. James poured $\frac{1}{3}$ cup. How much more does he need?

- A) $\frac{7}{24}$ cup
- B) $\frac{4}{5}$ cup
- C) $\frac{1}{4}$ cup
- D) $\frac{2}{8}$ cup

3. Sam walked $\frac{3}{10} + \frac{2}{5}$ mi. Kai walked $\frac{4}{5}$ mi. Who walked farther and by how much?

- A) Kai by $\frac{1}{10}$ mi
- B) Sam by $\frac{1}{10}$ mi
- C) Kai by $\frac{3}{10}$ mi
- D) They walked the same

4. A board is $\frac{7}{8}$ yd. A carpenter cuts $\frac{1}{3}$ yd then $\frac{1}{6}$ yd. How much remains in simplest form?

- A) $\frac{3}{8}$ yard
- B) $\frac{5}{24}$ yard
- C) $\frac{1}{4}$ yard
- D) $\frac{7}{24}$ yard

Part B: Fill in the Blank

Write the correct answer on each line.

1. Rosa ate $\frac{1}{4}$ of a pizza and her brother ate $\frac{1}{3}$. Together they ate _____ of the pizza.
2. A tank is $\frac{5}{6}$ full. After using $\frac{1}{4}$ of the tank, it is _____ full.
3. Lee hiked $\frac{3}{5}$ of a trail in the morning and $\frac{1}{4}$ more after lunch. He hiked _____ in all.
4. A ribbon is $\frac{7}{8}$ yard long. After cutting off $\frac{2}{5}$ yard, _____ yard remains.
5. Two friends used $\frac{2}{3}$ lb and $\frac{5}{12}$ lb of flour. They used _____ pounds total.

Answer Key • Adding and Subtracting Fractions with Unlike Denominators • Grade: Grade 5

Part A: Multiple Choice

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 C) $\frac{1}{2}$ cup
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3. Sam walked $\frac{3}{10} + \frac{2}{5}$ mi. Kai walked $\frac{4}{5}$ mi. Who walked farther and by how much?

- A) Kai by $\frac{1}{10}$ mi
 B) Sam by $\frac{1}{10}$ mi
 C) Kai by $\frac{3}{10}$ mi
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- A) $\frac{3}{8}$ yard
 B) $\frac{5}{24}$ yard
 C) $\frac{1}{4}$ yard
 D) $\frac{7}{24}$ yard

Part B: Fill in the Blank

Write the correct answer on each line.

1. Rosa ate $\frac{1}{4}$ of a pizza and her brother ate $\frac{1}{3}$. Together they ate $\frac{7}{12}$ of the pizza.
2. A tank is $\frac{5}{6}$ full. After using $\frac{1}{4}$ of the tank, it is $\frac{7}{12}$ full.
3. Lee hiked $\frac{3}{5}$ of a trail in the morning and $\frac{1}{4}$ more after lunch. He hiked $\frac{17}{20}$ in all.
4. A ribbon is $\frac{7}{8}$ yard long. After cutting off $\frac{2}{5}$ yard, $\frac{19}{40}$ yard remains.
5. Two friends used $\frac{2}{3}$ lb and $\frac{5}{12}$ lb of flour. They used $1 - \frac{1}{12}$ pounds total.