ADDING FRACTIONS
WITH UNLIKE DENOMINATORS

$$\frac{2}{3} + \frac{3}{4} = ?$$

Step 1: Find a common denominator.

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Step 2: Change each fraction to have the common denominator.

$$\frac{2 \times 4}{3 \times 4} = \frac{8}{12} \qquad \frac{3 \times 3}{4 \times 3} = \frac{9}{12}$$

Step 3: Add the numerators of the new fractions. Leave the denominator the same.

$$\frac{8}{12} + \frac{9}{12} = \frac{17}{12}$$

Step 4: Report your answer as a fraction or mixed number in simplest form.

$$\frac{17}{12} \text{ or } 1\frac{5}{12}$$