YEAR 8 · NUMBER

Adding and Subtracting Fractions

Find a common denominator, calculate, and simplify your answer.

Name: _____ **Date:** _____

For each question, show how you make equivalent fractions with a common denominator. Then calculate and write your answer in its simplest form.

1 Calculate

1 $\frac{1}{3} + \frac{1}{4}$

Answer: _____

2 $\frac{5}{6} - \frac{1}{4}$

Answer: _____

3 $\frac{2}{5} + \frac{3}{10}$

Answer: _____

4 $\frac{7}{8} - \frac{1}{3}$

Answer: _____

5 $\frac{3}{7} + \frac{2}{9}$

Answer: _____

6 $\frac{11}{12} - \frac{2}{5}$

Answer: _____

7 $\frac{5}{6} + \frac{3}{8}$

Answer: _____

8 $\frac{13}{15} - \frac{1}{6}$

Answer: _____

2 Use fractions in context

A jug contains $\frac{7}{8}$ litre of juice. Sam pours out $\frac{1}{3}$ litre. How much juice remains?

Answer: _____

On Monday, Aisha cycles $\frac{3}{8}$ km. On Tuesday, she cycles $\frac{5}{12}$ km. How far does she cycle altogether?

Answer: _____

Before you finish: ☐ I used a common denominator. ☐ I simplified my answers.