YEAR 6 • MATHS • FRACTIONS

Adding and Subtracting Fractions

Name _____ **Date** _____

Find a common denominator first. Show your working and write every answer in its simplest form.

1 Calculate

Show your working in each box

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

Working _____

Answer _____

2 $\frac{2}{5} + \frac{1}{6}$

Working _____

Answer _____

3 $\frac{5}{8} - \frac{1}{3}$

Working _____

Answer _____

4 $\frac{7}{10} - \frac{1}{4}$

Working _____

Answer _____

5 $\frac{3}{4} + \frac{2}{9}$

Working _____

Answer _____

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

Working _____

Answer _____

7 $\frac{5}{6} + \frac{3}{10}$

Working _____

Answer _____

8 $\frac{7}{9} - \frac{1}{6}$

Working _____

Answer _____

2 Fractions in context

9 Aisha walks $\frac{2}{3}$ km in the morning and $\frac{3}{8}$ km in the afternoon. How far does she walk altogether?

Working _____

Answer _____

10 A jug contains $\frac{5}{6}$ litre of lemonade. Sam pours out $\frac{1}{4}$ litre. How much lemonade remains?

Working _____

Answer _____

3 Challenge

Work out the value.

$\frac{3}{4} + \frac{2}{3} - \frac{1}{6}$

Show each step and give your final answer in its simplest form.

Working _____

Answer _____

Check that each fraction is in its simplest form.