

## FRACTIONS

Name:

Assessment Criteria: Add and subtract fractions by writing them with a common denominator, calculate fractions of quantities (fraction answers); multiply and divide an integer by a fraction

*No calculators allowed!*

1. Calculate the following:

a)  $\frac{11}{16} + \frac{7}{12}$

b)  $\frac{17}{36} - \frac{3}{16}$

c)  $3\frac{3}{8} - 1\frac{3}{7}$

d)  $5\frac{1}{4} + 2\frac{7}{8}$

2. In a survey of 36 teachers  $\frac{1}{4}$  said they prefer Indian food,  $\frac{2}{9}$  preferred Chinese food,  $\frac{1}{3}$  preferred Italian food, and the rest liked British food. How many liked British food best?

3. Calculate the following, given your answers in the simplest form:

a)  $9 \times \frac{7}{12}$

b)  $8 \div \frac{4}{5}$

c)  $\frac{7}{9}$  of 15

4. Calculate  $\frac{1}{6} + \frac{3}{8}$ .

5. Now calculate  $\frac{1}{6} + \frac{3}{8}$  using a different common denominator. What do you notice about your answer?

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Overall, I think my success level is:

Low High

Q	FRACTIONS	😊	☹
	I can add and subtract fractions		
	I can add and subtract mixed numbers		
	I can multiply an integer by a fraction		
	I can divide an integer by a fraction		
	I can find fractions of an amount		
	<i>I can solve problems and carry through substantial tasks by breaking them into smaller, more manageable tasks, using a range of efficient techniques, methods and resources, including ICT; give solutions to an appropriate degree of accuracy</i>		

I need to practise ...