

Solutions

Marking: **M1** a correct method, **A1** the correct answer.

Each answer shows the steps, then the **result**.

2.1

- multiply numerators and denominators

$$\frac{3}{4} \times \frac{2}{9} = \frac{6}{36} = \frac{\mathbf{1}}{\mathbf{6}}$$

2.2

- $5 \div 8 = \mathbf{0.625}$

2.3

- common denominator 12

$$\frac{10}{12} - \frac{3}{12} = \frac{\mathbf{7}}{\mathbf{12}}$$

3.1

- $2\frac{1}{3} = \frac{7}{3}$
- divide by multiplying by the reciprocal

$$\frac{7}{3} \times \frac{9}{7} = \frac{63}{21} = \mathbf{3}$$

3.2

- invert the second fraction and multiply

$$\frac{7}{8} \times \frac{40}{7} = \frac{280}{56} = \mathbf{5}$$

- **5 pieces**