## Mathematics

## Fractions and Distributivity Downloadable Resource





## **Fractions and Distributivity**

1. Calculate the value of each missing fraction.

a) 
$$\frac{2}{3} - \frac{1}{6} = \left\{ \begin{array}{c} \\ \\ \\ \end{array} \right\}$$
 b)  $\left\{ \begin{array}{c} \\ \\ \end{array} \right\} = \frac{3}{5} + \frac{1}{2}$  c)  $\frac{5}{6} + \left\{ \begin{array}{c} \\ \\ \end{array} \right\} = \frac{11}{12}$ 

b) 
$$\left\{ = \frac{3}{5} + \frac{1}{2} \right\}$$

c) 
$$\frac{5}{6} + \frac{11}{12}$$

d) 
$$\frac{5}{3} - \frac{11}{15} = \left\{ \begin{array}{c} 1 \\ 1 \end{array} \right\}$$
 e)  $\frac{1}{6} = \left\{ \begin{array}{c} 1 \\ 1 \end{array} \right\} - \frac{2}{9}$  f)  $\frac{4}{9} + \frac{2}{5} = \left\{ \begin{array}{c} 1 \\ 1 \end{array} \right\}$ 

e) 
$$\frac{1}{6} = \left\{ -\frac{2}{9} \right\}$$

f) 
$$\frac{4}{9} + \frac{2}{5} = \frac{1}{5}$$

2. Match the cards into pairs showing equivalent calculations.

$$\frac{1}{2} \times 5 - 5 \times \frac{3}{4}$$

$$5 \times \frac{1}{4}$$

$$\frac{3}{4} \times 5$$

$$\frac{5}{2} + \frac{1}{4}$$

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

$$\frac{1}{2} \times 5 + \frac{1}{4}$$

$$5 \times \left(\frac{1}{2} - \frac{3}{4}\right)$$

$$\frac{1}{2} \times 5 + \frac{1}{4} \times 5$$

3. Calculate the value for each question:

a) 
$$\frac{2}{3} \times 7 + \frac{1}{5} \times 7 =$$

b) 
$$\frac{2}{7} \times 3 - 3 \times \frac{1}{4} =$$

