Mathematics

Fractions and Distributivity Downloadable Resource

Mr Langton

Fractions and Distributivity

1. Calculate the value of each missing fraction.

a) $\frac{2}{3} - \frac{1}{6} = \square$ b) $\square = \frac{3}{5} + \frac{1}{2}$ c) $\frac{5}{6} + \square = \frac{11}{12}$

d) $\frac{5}{3} - \frac{11}{15} = \square$ e) $\frac{1}{6} = \square - \frac{2}{9}$ f) $\frac{4}{9} + \frac{2}{5} = \square$

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