

Handout 5

Card matching activity: answers and misconceptions

Calculation	Fraction array	Fraction array	Answer
$\frac{1}{5} + \frac{2}{5}$			$\frac{3}{5}$ 60% $\frac{3}{10}$
$\frac{1}{2} + \frac{1}{4}$			$\frac{6}{8}$ $\frac{3}{4}$ 75% $\frac{2}{6}$ $\frac{2}{4}$ $\frac{1}{2}$ $\frac{4}{4}$ 1
$\frac{3}{4} - \frac{1}{3}$			$\frac{5}{12}$ $\frac{2}{1}$ $\frac{1}{2}$ $\frac{4}{12}$ $\frac{1}{3}$ $\frac{1}{12}$
$\frac{1}{2} - \frac{1}{5}$			$\frac{3}{10}$ 30%
$\frac{2}{5} + \frac{1}{3}$			$\frac{11}{15}$ $\frac{3}{8}$ $\frac{3}{15}$ $\frac{1}{5}$ $\frac{28}{15}$ 20%
$\frac{2}{3} - \frac{1}{2}$			$\frac{1}{6}$ 100% 1
$\frac{2}{5} + \frac{1}{2}$			$\frac{9}{10}$ 90% $\frac{3}{7}$ $\frac{3}{10}$ $\frac{16}{10}$ 30%