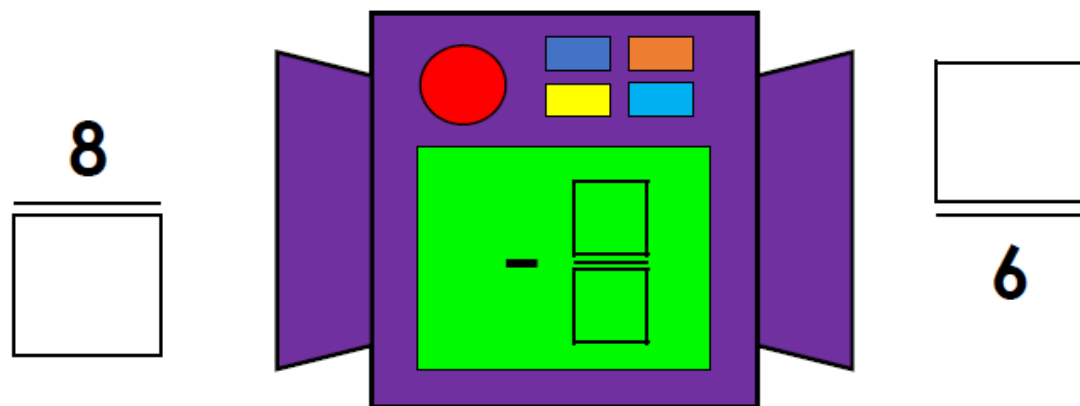# Subtract Fractions

1. Explore the possible inputs, outputs and functions of the 'Fraction Subtraction Contraption'. All the denominators are different.

$$\frac{8}{} \qquad - \qquad \frac{}{6}$$

DP

2. Play the game with a partner. You need a different coloured pencil each.
Choose two fractions to subtract. If the answer is less than one half, shade both boxes. The first person to travel from one side of the board (in any direction) to the other is the winner. You cannot choose fractions with the same denominator.

$\frac{9}{12}$	$\frac{5}{16}$	$\frac{3}{5}$	$\frac{4}{6}$	$\frac{2}{3}$
$\frac{8}{10}$	$\frac{7}{9}$	$\frac{11}{8}$	$\frac{3}{4}$	$\frac{15}{12}$
$\frac{5}{6}$	$\frac{4}{5}$	$\frac{15}{9}$	$\frac{5}{8}$	$\frac{9}{10}$
$\frac{14}{8}$	$\frac{20}{16}$	$\frac{1}{4}$	$\frac{2}{6}$	$\frac{14}{12}$
$\frac{7}{4}$	$\frac{12}{9}$	$\frac{17}{10}$	$\frac{5}{3}$	$\frac{8}{5}$

DP