Fractions summary sheet

**‘The Easy One’** - the bottom numbers are the same.

Just add or subtract the numbers on the top of the fraction.

The bottom number STAYS the same.

**Add**  $\frac{3}{7}+ \frac{2}{7}= \frac{5}{7}$

**Subtract** $\frac{8}{9}- \frac{1}{9}= \frac{7}{9}$

‘Trickier’

**Add**  **‘Times, times, times’**

 Mulitply in the directions of the arrows; red, green, blue

 $\frac{3}{5} + \frac{2}{7}= \frac{21 }{35}+\frac{10}{35}= \frac{31}{35}$

**Subtract**  **‘Times, times, times’**

 Mulitply in the directions of the arrows; red, green, blue

 $\frac{6}{11}- \frac{2}{5}= \frac{30}{55}-\frac{22}{55}= \frac{8}{55}$

**Mixed numbers**

 Add or subtract the whole numbers first.

**Multiply ‘Train tracks’**

 Multiply in the direction of the arrows.

 $\frac{6}{7} $ x $\frac{1}{5}$ = $\frac{6}{35}$

For **mixed numbers** **TURN TO TOP HEAVY FIRST.**

**Divide ‘Tip n’ times’**

 Only tip the second fraction!

 $\frac{3}{15} $ ÷ $\frac{2}{5}$ = $\frac{3}{15}$ x $ \frac{5}{2}$ = $\frac{15}{30}$ = $\frac{1}{2}$