

Fractions, Decimals and Percentage Equivalents

| Decimal | Percentage | Fraction |
| :---: | :---: | :---: |
| 0.5 | $50 \%$ | $\frac{1}{2}$ |
| 0.25 | $25 \%$ | $\frac{1}{4}$ |
| 0.75 | $75 \%$ | $\frac{3}{4}$ |
| 0.2 | $20 \%$ | $\frac{1}{5}$ |
| 0.1 | $10 \%$ | $\frac{1}{10}$ |



## Basic Facts

Adding and Subtracting Fractions

## Multiplying Fractions

$$
\frac{1}{3}+\frac{1}{4}=\frac{?}{?}
$$

First make the bottom numbers (the denominators) the same
Step 1. Multiply the top numbers:

$$
\frac{1}{2} \times \frac{2}{5}=\underline{1 \times 2}=\underline{2}
$$

$$
\frac{1 \times 4}{3 \times 4}+\frac{1}{4}=\frac{?}{?}
$$

And multiply top and bottom of $1 / 4$ by $\mathbf{3}$ :

$$
\frac{1}{2} \times \frac{2}{5}=\frac{1 \times 2}{2 \times 5}=\frac{2}{10}
$$

$$
\begin{aligned}
& \text { Now do the calculations: } \\
& \qquad \frac{4}{12}+\frac{3}{12}=\frac{4+3}{12}=\frac{7}{12}
\end{aligned}
$$

$$
\frac{1 \times 4}{3 \times 4}+\frac{1 \times 3}{4 \times 3}=\frac{?}{?}
$$

Step 3. Simplify the fraction

