

Fraction/Decimal/Percent Equivalent Values

- 1) You need to understand how to work out the equivalences for the values that do **not** have repeating decimal representations.
- 2) Why does the list not include some fractions such as $\frac{2}{6}$ and $\frac{2}{8}$?

Fraction	Decimal	Percent
$\frac{1}{4}$	0.25	25%
$\frac{1}{2}$	0.5	50%
$\frac{3}{4}$	0.75	75%
$\frac{1}{8}$	0.125	12.5%
$\frac{3}{8}$	0.375	37.5%
$\frac{5}{8}$	0.625	62.5%
$\frac{7}{8}$	0.875	87.5%
$\frac{1}{5}$	0.2	20%
$\frac{2}{5}$	0.4	40%
$\frac{3}{5}$	0.6	60%
$\frac{4}{5}$	0.8	80%
$\frac{1}{3}$	$0.33\bar{3}$	$33\frac{1}{3}\%$
$\frac{2}{3}$	$0.66\bar{6}$	$66\frac{2}{3}\%$
$\frac{1}{6}$	$0.16\bar{6}$	$16\frac{2}{3}\%$
$\frac{5}{6}$	$0.83\bar{3}$	$83\frac{1}{3}\%$