

## Naming Decimals

1. Write out each decimal, in words. The first two are done as examples.

0.2	= 2 tenths	0.35	= 35 hundredths
0.3	= _____	0.23	= _____
0.709	= _____	0.008	= _____
0.1234	= _____	0.9900	= _____
0.01011	= _____	0.7654321	= _____

2. Complete the following table. The examples show the setting out.

### Fractions $\longleftrightarrow$ Decimals

Working	Conversion
$\frac{1}{2} = \frac{5}{10} = 5 \text{ tenths} = 0.5$	$\frac{1}{2} = 0.5$
$\frac{1}{4} = \frac{25}{100} = 25 \text{ hundredths} = 0.25$	$\frac{1}{4} = 0.25$
$\frac{3}{4} = \frac{75}{100} =$	
$\frac{1}{5} = \frac{2}{10} =$	
$\frac{2}{5} =$	
$\frac{3}{5} =$	
$\frac{4}{5} =$	
$\frac{1}{10} =$	
$\frac{3}{10} =$	
$\frac{7}{10} =$	
$\frac{9}{10} =$	
$\frac{1}{8} = \frac{125}{1000} =$	
$\frac{3}{8} = \frac{\quad}{1000} =$	
$\frac{5}{8} = \frac{\quad}{1000} =$	
$\frac{7}{8} = \frac{\quad}{1000} =$	
$\frac{1}{3} = 0.3333... = .\bar{3}$	
$\frac{2}{3} =$	
$\frac{1}{6} = 0.1666... = 0.1\bar{6}$	
$\frac{5}{6} = 0.8666... =$	