

M4.6 to convert between fractions decimals and percentages (2)



Let's work through these examples **together** first:

Change $\frac{5}{8}$ into a decimal

Change 0.34 to a percentage

1. Convert the following fractions into decimals

a $\frac{2}{5}$

d $\frac{7}{8}$

g $\frac{1}{16}$

b $\frac{3}{4}$

e $\frac{7}{20}$

h $\frac{1}{3}$

c $\frac{9}{10}$

f $\frac{1}{2}$

i $\frac{2}{3}$

2. Convert the following decimals into percentages

a 0.68

d 0.7

g 0.125

b 0.16

e 0.9

h 0.175

c 0.06

f 0.41

i 0.003

3. Complete this table

Fraction	Decimal	Percentage
$\frac{1}{5}$		
$\frac{3}{5}$		
	0.25	
$\frac{1}{10}$		

$\frac{5}{8}$		
		75%
$\frac{3}{10}$		
	0.06	