Fractions and decimals

Write each fraction as a decimal.

$\frac{1}{2}$ = 0.5 $\frac{1}{10}$ = 0.1

Write this decimal as a fraction.

0.25 = $\frac{1}{4}$

Write each fraction as a decimal.

$\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{5}$
$\frac{2}{5}$	$\frac{3}{5}$	$\frac{4}{5}$	$\frac{1}{10}$
$\frac{2}{10}$	$\frac{3}{10}$	$\frac{4}{10}$	$\frac{5}{10}$
$\frac{6}{10}$	$\frac{7}{10}$	$\frac{8}{10}$	$\frac{9}{10}$

Write each decimal as a fraction.

0.8	0.5	0.3	0.4
0.25	0.7	0.2	0.75
0.2	0.6	0.5	0.8
0.1	0.4	0.6	0.9

Write the answer in the box.

Which two of the fractions above are the same as 0.5?

Which two of the fractions above are the same as 0.8?

Which two of the fractions above are the same as 0.6?

Which two of the fractions above are the same as 0.2?

Which two of the fractions above are the same as 0.4?

Recognising equivalent fractions

Make these fractions equal by writing in the missing number.

$\frac{20}{100}$ = $\frac{2}{10}$ = $\frac{1}{5}$ | $\frac{5}{15}$ = $\frac{1}{3}$

Make these fractions equal by putting a number in the box.

$\frac{10}{100} = \frac{\square}{10}$	$\frac{8}{100} = \frac{\square}{25}$	$\frac{4}{100} = \frac{\square}{25}$
$\frac{2}{20} = \frac{\square}{10}$	$\frac{5}{100} = \frac{\square}{20}$	$\frac{6}{20} = \frac{\square}{10}$
$\frac{3}{5} = \frac{\square}{20}$	$\frac{5}{6} = \frac{\square}{12}$	$\frac{2}{8} = \frac{\square}{24}$
$\frac{2}{3} = \frac{\square}{24}$	$\frac{2}{18} = \frac{\square}{9}$	$\frac{4}{50} = \frac{\square}{25}$
$\frac{11}{12} = \frac{\square}{36}$	$\frac{12}{15} = \frac{\square}{5}$	$\frac{8}{20} = \frac{\square}{5}$
$\frac{2}{12} = \frac{1}{\square}$	$\frac{5}{20} = \frac{1}{\square}$	$\frac{5}{8} = \frac{10}{\square}$
$\frac{7}{8} = \frac{21}{\square}$	$\frac{15}{100} = \frac{3}{\square}$	$\frac{6}{24} = \frac{1}{\square}$
$\frac{5}{25} = \frac{1}{\square}$	$\frac{8}{20} = \frac{2}{\square}$	$\frac{15}{20} = \frac{3}{\square}$
$\frac{5}{30} = \frac{1}{\square}$	$\frac{12}{14} = \frac{6}{\square}$	$\frac{1}{5} = \frac{4}{\square}$
$\frac{9}{18} = \frac{1}{\square}$	$\frac{24}{30} = \frac{4}{\square}$	$\frac{25}{30} = \frac{5}{\square}$

$\frac{1}{8} = \frac{\square}{16} = \frac{3}{\square} = \frac{\square}{32} = \frac{\square}{40} = \frac{6}{\square}$

$\frac{20}{100} = \frac{\square}{25} = \frac{2}{\square} = \frac{1}{\square} = \frac{\square}{50} = \frac{\square}{200}$

$\frac{2}{5} = \frac{6}{\square} = \frac{\square}{20} = \frac{10}{\square} = \frac{\square}{50} = \frac{40}{\square}$

$\frac{1}{6} = \frac{\square}{12} = \frac{3}{\square} = \frac{4}{\square} = \frac{5}{\square} = \frac{6}{\square}$

$\frac{2}{3} = \frac{\square}{24} = \frac{\square}{36} = \frac{\square}{21} = \frac{6}{\square} = \frac{\square}{300}$