Homework Focus: To Convert between decimal numbers, fractions and percentages

1. Complete below.

fractions	decimals	percentages
$\frac{1}{10}$		
	0.3	
$\frac{25}{100}$		
		75%
	0.6	
		17%
$\frac{99}{100}$		
	0.58	
		29%
$\frac{1}{2}$		

2. If 15% of pupils came to a school by bus. What percentage did not come by bus?
3. Mr Foulds has a 100 square grid. He colours in 75% and says, “I have coloured in 3/4.” Is he correct? Explain why.

Website to help with this work.

https://www.mathsisfun.com/decimal-fraction-percentage.html

Example Values

Here is a table of commonly used values shown in Percent, Decimal and Fraction form:

Percent	Decimal	Fraction
1%	0.01	$^{1}/_{100}$
5%	0.05	$^{1}/_{20}$
10%	0.1	$^{1}/_{10}$
12½%	0.125	$^{1}/_{8}$
20%	0.2	$^{1}/_{5}$
25%	0.25	$^{1}/_{4}$
$33^{1}/_{3}$%	0.333...	$^{1}/_{3}$
50%	0.5	$^{1}/_{2}$
75%	0.75	$^{3}/_{4}$
80%	0.8	$^{4}/_{5}$
90%	0.9	$^{9}/_{10}$
99%	0.99	$^{99}/_{100}$

100%
1