Hidden Help

Activity

Simon has made a table to help him remember the relationships between fractions, decimals, and percentages. However, Simon's little sister has coloured in some of the boxes in his table, and he can't read bits of it.

1.   What did he write in the coloured-in spaces?
Fill in your copy of the table.

Numbers between 0 and 1		
Fraction	**Decimal**	**Percentage**
	0.2	20%
$\frac{1}{3}$	0.3	
		25%
$\frac{2}{3}$		
		60%
$\frac{1}{8}$		12.5%
$\frac{3}{8}$	0.375	
	0.16	16.7%
$\frac{1}{2}$		
		75%
$\frac{1}{10}$		
$\frac{4}{10}$		40%

2.   Simon knows that his table shows only some numbers between 0 and 1. Suggest rules that would help him write any number as a fraction, decimal, or percentage. You could also use pictures or diagrams to help.