Percentages as fractions and decimals



2

Prove that 0.2 is equal to 20%.

You may use the hundred square to help you.



Why do you think some people think that 0.2 is equal to 2%?

3 Complete the fraction, decimal and percentage equivalents.





Here are four hundred squares.



Complete the table.

Hundred square	Percentage	Fraction	Decimal
А	52 °/.	<u> 52 </u> 100	0.52
В	Ղև °/.	24	0.24
С	88 •1.	<u>88</u> 100	0.88
D	100 1.	100	l



	$0.2 = 2 \text{ tenths} = \frac{2}{10} = \frac{20}{100}$
	20% = <u>20</u> 100
-	
-	







Complete the decimal and percentage equivalents.





- 8 Jack and Dora go shopping with the same amount of money. Jack spends $\frac{1}{3}$ of his money. Dora spends 30% of her money. a) Who spends more money? <u>Jade</u>
 - Use fraction and percentage equivalence to explain your answer.
 - $\frac{1}{3} = \frac{10}{30}$ $30\% = \frac{3}{10} = -\frac{9}{30}$
 - b) Jack and Dora each started with £300 How much money do they each have left?

Jack

86	%
	_
52	%







Dora £210



