Y6 Mathematics Decimals						
Place Value					Vocabulary	
Tens Ones		hundredths	thousandths		decimal place	Position of the digits to the right of a decimal point Represents a fraction of a whole number
		0.01 0.01			2 decimal places 2dp	A number with 2 digits after the decimal point
3	4 10 0.4	2 100 0.02	6 1000 0.006	= 3.426	3 decimal places 3dp	A number with 3 digits after the decimal point
Converting Fractions to Decimals Some Key Facts				= 3.420	decimal fractionA fraction with a denominator of 10,100,1,000 It can be written with a desimption	
7 = 35 20 = 100 or 0.35	7 = 28 25 = 100 or 0.	28 2 :	50 0.5 100 0.25	<u>1</u> = 0.01 100	One Tenth One Hundredth	decimal point 1/10 or 0.1 1/100 or 0.01
Make an equivalent fraction			25 0.25 100	<u>1</u> = 0.001 1000	One Thousandth	1/1000 or 0.001
with a denominator of 100 (by multiplying or dividing) to convert into a decimal number			75 100 0.75		1 whole = 10 tenths 1 tenth = 10 hundredths	
$\frac{x^2}{\frac{7}{50}} = \frac{14}{100}$ or 0.14	8 = 4 or 0.0	5 :	20 100 0.2		1 hundrec	Ith = 10 thousandths
×2	200 100	1 = 2	10 100 0.1			

