Y6 Mathematics						ecim	als					-
Place Value										Vocabul	ary	2
	Tens	Tens Ones tenths hu		huno	hundredths		thousandths 			decimal place	Position of the digits to the right of a decimal point Represents a fraction of a whole number	
										2 decimal places 2dp	A number with 2 digits after the decimal point	-
		3	4 10		100		<u>6</u> 1000			3 decimal places	A number with 3 digits after the decimal point	r
		3	0.4		0.02		.006		= 3.426	3dp	A fraction with a	
Converting Fractions to Decimals						Some Key Facts					denominator of 10,100,1,000	
× 5					1 = "	50 05			1 - 0.01		decimal point	
	<u>17</u> 20	$=\frac{85}{100}$	= 0.85		2 1	.00	0.5	1	<u>1</u> = 0.01 00	One Tenth One Hundredth	1/10 or 0.1 1/100 or 0.01	
	× 5				$\frac{1}{4} = \frac{25}{100}$		0.25	1	<u>1</u> = 0.001 1000	One Thousandth	1/1000 or 0.001	
Make an equivalent fraction with a denominator of 100 (by multiplying or dividing) to convert into a decimal number					<u>3</u> = <u>1</u> 4 1	<u>75</u> .00	0.75			1 whole = 10 tenths		
$\frac{11}{25} = \frac{44}{100} = 0.44$			<u>1</u> = <u>1</u> 5 1	<u>20</u> .00	0.2			1 tenth = 10 hundredths 1 hundredth = 10 thousandths				
	25	×4			1 = <u>1</u> 10 1	<u>.0</u> 00	0.1					

