

DECIMAL PLACE VALUE CHART – examples and fill-in exercise

	Hundreds	Tens	Units	DECIMAL POINT	Tenths	Hundredths	Thousandths	
Number written in figures here	H	T	U	●	$\frac{1}{10}$ ths	$\frac{1}{100}$ ths	$\frac{1}{1000}$ ths	Number written in words and what the number means
7.25			7	●	2	5		Seven point two five which means 7 units, 2 tenths and 5 hundredths or 7 units and 25 hundredths
.897				●	8	9	7	Point eight nine seven which means 8 tenths, 9 hundredths and 7 thousandths.
986.445	9	8	6	●	4	4	5	Nine hundred and eighty six point four four five which means 9 hundreds, 8 tens, 6 units, 4 tenths, 4 hundredths and 5 thousandths
Fill in the missing words and numbers on this chart								
789.2				●				
		3	4	●	8	1		
				●				Two hundred and ninety nine point zero zero six which means 2 hundreds, 9 tens, 9 units, 0 tenths, 0 hundredths and 6 thousandths
			1	●	7	5		
101.101				●				
0.089				●				
				●				Six point seven which means 6 units and 7 tenths
798.565				●				

N2/E3.3 Read / write decimals up to 2 d.p. in practical contexts. **N2/L1.3** Recognise equivalencies between common fractions, decimals, %s. **N2/L1.4** Read, write, order & compare decimals up to 3 d.p. Know (a) that the position of a digit signifies its value (b) that the decimal point separates whole nos. from decimal fractions (c) what each digit represents inc. use of zero as a place holder. **N2/L1.6** multiply / divide decimals by 10, 100 (a) understand place value for whole numbers and to 2 d.p. **N2/L1.7** approximate decimals by rounding to a whole number or to 2d.p. (a) know what is meant by decimal places.

DECIMAL PLACE VALUE CHART – fill in the gaps answer sheet

	Hundreds	Tens	Units	DECIMAL POINT	Tenths	Hundredths	Thousandths	
The missing words and numbers are shown in <i>blue / italic</i>.								
789.2	<i>7</i>	<i>8</i>	<i>9</i>	●	<i>2</i>			<i>Seven hundred and eighty nine point two which means 7 hundreds, 8 tens, 9 units, and 2 tenths</i>
<i>34.81</i>		3	4	●	8	1		<i>Thirty four point eight one which means 3 tens, 4 units, 8 tenths and 1 hundredth.</i>
<i>299.006</i>	<i>2</i>	<i>9</i>	<i>9</i>	●	<i>0</i>	<i>0</i>	<i>6</i>	Two hundred and ninety nine point zero zero six which means 2 hundreds, 9 tens, 9 units, 0 tenths, 0 hundredths and 6 thousandths
<i>1.75</i>			1	●	7	5		<i>One point seven five which means 1 unit, 7 tenths and 5 hundredths.</i>
101.101	<i>1</i>	<i>0</i>	<i>1</i>	●	<i>1</i>	<i>0</i>	<i>1</i>	<i>One hundred and one point one zero one which means 1 hundred, 0 tens, 1 unit, 1 tenth, 0 hundredths and 1 thousandth.</i>
0.089			<i>0</i>	●	<i>0</i>	<i>8</i>	<i>9</i>	<i>Zero point zero eight nine which means 0 units, 0 tenths, 8 hundredths and 9 thousandths.</i>
<i>6.7</i>			<i>6</i>	●	<i>7</i>			Six point seven which means 6 units and 7 tenths
798.565	<i>7</i>	<i>9</i>	<i>8</i>	●	<i>5</i>	<i>6</i>	<i>5</i>	<i>Seven hundred and ninety eight point five six five which means 7 hundreds, 9 tens, 8 units, 5 tenths, 6 hundredths and 5 thousandths.</i>

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Number written in figures here	H	T	U	●	$\frac{1}{10}$ ths	$\frac{1}{100}$ ths	$\frac{1}{1000}$ ths	Number written in words and what the number means
				●				
				●				
				●				
				●				
				●				
				●				
				●				
				●				
				●				

N2/E3.3 Read / write decimals up to 2 d.p. in practical contexts. **N2/L1.3** Recognise equivalencies between common fractions, decimals, %s. **N2/L1.4** Read, write, order & compare decimals up to 3 d.p. Know (a) that the position of a digit signifies its value (b) that the decimal point separates whole nos. from decimal fractions (c) what each digit represents inc. use of zero as a place holder. **N2/L1.6** multiply / divide decimals by 10, 100 (a) understand place value for whole numbers and to 2 d.p. **N2/L1.7** approximate decimals by rounding to a whole number or to 2d.p. (a) know what is meant by decimal places.