

Key words and symbols: what I need to say and write accurately



A <u>terminating</u>								
<u>decimal</u> has a								
finite (fixed)								
number of								
decimal places,								
e.g. 0.215								
e.g. 0.3								

e.g. **0.804804804** ... = **0**. **8**04

Fingertip facts: what I need to learn by heart

Tenths and fifths:

Fraction	$\frac{1}{10}$	$\frac{2}{10} = \frac{1}{5}$	$\frac{3}{10}$	$\frac{4}{10} = \frac{2}{5}$	$\frac{5}{10} = \frac{1}{2}$	$\frac{6}{10} = \frac{3}{5}$	$\frac{7}{10}$	$\frac{8}{10} = \frac{4}{5}$	$\frac{9}{10}$	$\frac{10}{10} = 1$
Decimal	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1
Percentage	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%

Eighths and quarters:

Fraction	$\frac{1}{8}$	$\frac{2}{8} = \frac{1}{4}$	$\frac{3}{8}$	$\frac{4}{8} = \frac{2}{4} = \frac{1}{2}$	5 8	$\frac{6}{8} = \frac{3}{4}$	$\frac{7}{8}$	$\frac{8}{8} = \frac{4}{4} = \frac{2}{2} = 1$
Decimal	0.125	0.25	0.375	0.5	0.625	0.75	0.875	1
Percentage	12.5%	25%	37.5%	50%	62.5%	75%	87.5%	100%

Ninths and thirds:

Fraction	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{3}{9} = \frac{1}{3}$	$\frac{4}{9}$	<u>5</u> 9	$\frac{6}{9} = \frac{2}{3}$	$\frac{7}{9}$	8 9	$\frac{9}{9} = 1$
Decimal	0. İ	0.Ż	0.3	0. 4	0. 5	0. <i>Ġ</i>	0.7	0. 8	$0.\dot{9} = 1$
Percentage	11.1%	22.Ż%	33.3%	44. <i>4</i> %	55.5%	66.Ġ%	77.7%	88.8%	99.9% = 100%