

Terminating Decimal	$0.23 = \frac{23}{100}$
A decimal number in which the digits stop , or terminate.	$0.7 = \frac{7}{10}$
	$0.917 = \frac{917}{1000}$
Repeating Decimal	$0.\bar{3} = 0.33333333\dots = \frac{3}{9} = \frac{1}{3}$
A decimal number in which a digit or group of digits repeats without end. Only digits under the bar notation are repeated.	$0.8\bar{3} = 0.83333333\dots = \frac{5}{6}$
	$0.\overline{717} = 0.717717\dots = \frac{717}{999}$
Non-terminating Non-repeating	π
A decimal number that does not have repeating digits or never terminates . These are called irrational numbers.	$\sqrt{10}$
	$\sqrt{72}$

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