

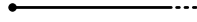

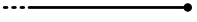



NUMBER SETS

$\dots, -2, -1,$ $0,$ $1, 2, \dots$	$1, 2, 3, \dots$	$0, 1, 2, 3, \dots$	$\dots, -2, -1$
Integers	Positive integers	Non-negative integers	Negative integers
$-1, \sqrt{2}, \pi, \dots$ 	$-1, \sqrt{2}, \pi, \dots$ 	$0, \sqrt{2}, \pi, \dots$  $\sqrt{2}, \pi, \dots$ 	$\dots, -\pi, -\sqrt{2}, 0$  $\dots, -\pi, -\sqrt{2}$ 
Real numbers	Number line	Non-negative real numbers, Positive real numbers	Non-positive real numbers, Negative real numbers
$\frac{1}{8}$ 0.125	$\sqrt{2}$ π	e π	i $\sqrt{3} + 2i$
Rational numbers	Irrational numbers	Transcendental numbers	Complex numbers

Sometimes the set of positive integers are called the counting numbers or natural numbers; whereas, the set of non-negative integers are sometimes called whole numbers or natural numbers. As sources can differ on whether to include or exclude 0 from the set of natural numbers, terms such as positive integers and non-negative integers help avoid confusion.

NUMBERS