

Real Numbers

Rational All Natural, Whole, Integers, and fractions, and terminating & repeating decimals.

$\frac{3}{4}$ $\frac{2}{3}$ $\rightarrow 2.265$ $\rightarrow 3.\bar{3}$
 6.5 $0.\bar{3}$ $-0.\bar{25}$

Irrational All non-terminating & non-repeating decimals.

$\pi \approx 3.14159 \dots$

$\sqrt{50}$
 $2.09824 \dots$

Integer - Natural, Whole, and their opposites.

-100 -7 $-1, -2, -3 \dots$ $-1,894$

Whole - Natural #'s plus 0.

0

Natural (counting) start at 1, 2, 3, ...

$\frac{8}{2} = 4$ $\sqrt{16} = 4$
 $\sqrt{25} = 5$ 16 $20,518$

$-\frac{1}{2}$

$\frac{1}{5}$

$-\frac{12}{4}$