

# Real Numbers

## Rational Numbers

$$\frac{3}{2}$$

$$-7.49$$

Integers  
{..., -3, -2, -1, 0, 1, 2, 3, ...}

Whole Numbers  
{0, 1, 2, 3, 4, 5, ...}

Natural Numbers  
{1, 2, 3, 4, 5, ...}

$$-\frac{17}{101}$$

$$15.6543$$

## Irrational Numbers

$$\pi$$

$$\sqrt{3}$$

$$-\sqrt{2}$$

$$\sqrt[3]{22}$$

$$e$$
$$\sqrt{154}$$

# Imaginary Numbers

$$\sqrt{-16}$$

$$\sqrt{-1}$$

$$9i$$

$$\sqrt{-7}$$

$$i$$

$$\sqrt{-36}$$

$$-12i$$