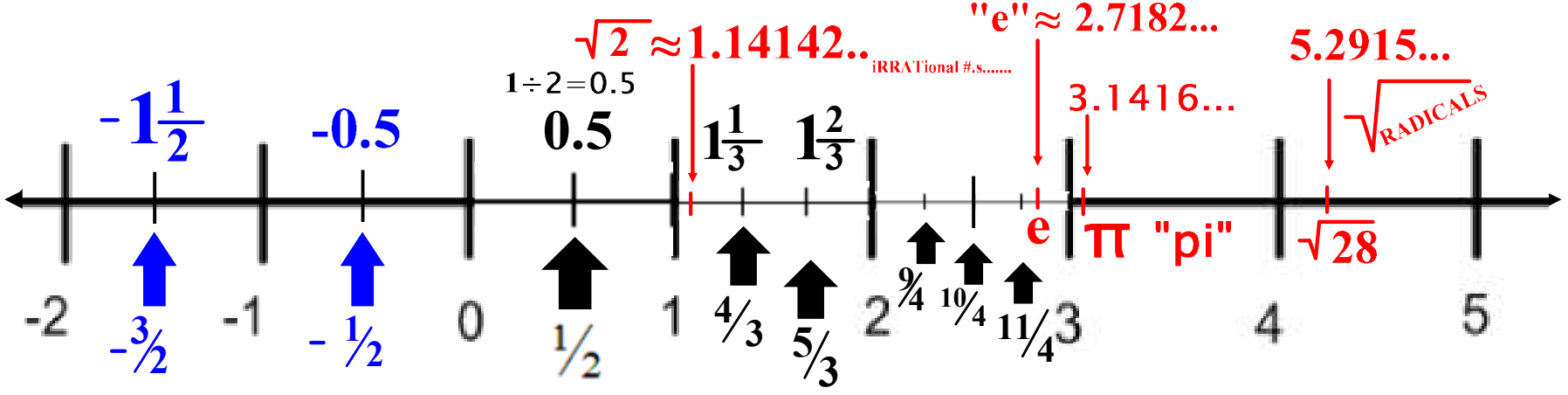
Google: Adriant Sanchez

NUMBERS



Mixed # ⇒ Fraction

$3\frac{5}{7} \Rightarrow 3\frac{5}{7} \Rightarrow \frac{26}{7}$ (Then Add, Multiply)

"Multiply, Add, keep Denominator"

Fraction ⇒ Deci.mal

$\frac{26}{7} \Rightarrow 7\overline{)26.00} \Rightarrow 3.71$ (3.71..., -21, 50, -49, 10, -7, 3)

"Use Long Division"

Simplifying Fractions

$\frac{10}{4} \Rightarrow \frac{10 \div 2}{4 \div 2} = \frac{5}{2}$

$\frac{45}{90} \Rightarrow \frac{45 \div 5}{90 \div 5} = \frac{9}{18} \Rightarrow \frac{9 \div 9}{18 \div 9} = \frac{1}{2}$

"Find # to divide BOTH Numerator & Denominator, or divide Numerator by Denom. if possible."

$\frac{3}{1} = 3 \quad \frac{0}{-5} = 0 \quad \frac{56}{8} = 7$

Fraction Operations

±Add/Subtract: $\frac{1}{12} - \frac{7}{12} = \frac{-6}{12} = \frac{-1}{2}$ ±Add/Subtract

$\frac{1}{4} - \frac{7}{3} = \frac{1 \cdot 3}{4 \cdot 3} - \frac{7 \cdot 4}{3 \cdot 4} = \frac{3}{12} - \frac{28}{12} = \frac{-25}{12}$

•(Multiplication)• $-\frac{5}{4} \cdot -\frac{7}{10} = \frac{35}{40} = \frac{7}{8}$

÷ Division ÷ $\frac{5}{4} \div \frac{7}{10} = \frac{5}{4} \cdot \frac{10}{7} = \frac{50}{28} = \frac{25}{14}$

Square Roots $\sqrt{\frac{36}{25}} = \frac{\sqrt{36}}{\sqrt{25}} = \frac{6}{5}$