June 6, 2017

$\frac{1}{2}(x-2) + \frac{3}{5}x = \frac{1}{5}(x+4)$

$\frac{10}{1}\left[\frac{x}{2} - 1 + \frac{3}{5}x = \frac{x}{5} + \frac{4}{5}\right]$

$5x - 10 + 6x = 2x + 8$

$11x - 10 = 2x + 8$

$-2x \quad +10 \qquad -2x \quad +10$

$\frac{9x}{9} = \frac{18}{9}$

$\frac{9}{1} \cdot \frac{1}{9} = \frac{9}{9} = 1$

$x = 2$

Jun 6-8:49 AM

Ck $x = 2$

$\frac{1}{2}(2-2) + \frac{3}{5}(2) = \frac{1}{5}(2+4)$

$\frac{1}{2}(0) + \frac{6}{5} = \frac{1}{5} \cdot \frac{6}{1}$

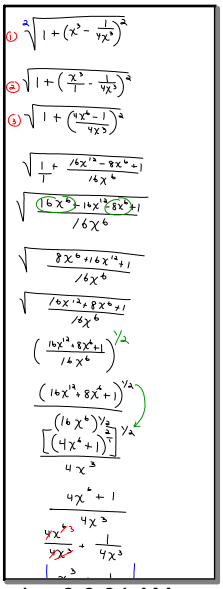
$0 + \frac{6}{5} = \frac{6}{5}$ ✓

Jun 6-9:02 AM

goal

x = all stuff

Jun 6-8:51 AM



Jun 6-9:04 AM

$$\frac{\frac{x^3}{1} - \frac{1}{4x^3}}{\frac{x^3 \cdot 4x^3 - 1}{4x^3}}$$

$$\frac{4x^6 - 1}{4x^3}$$

Jun 6-9:18 AM

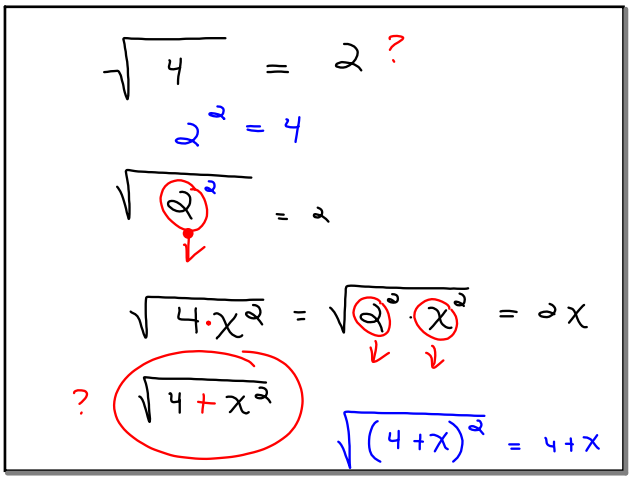
$\frac{x^3}{1} \rightarrow \frac{4x^3}{4x^3}$

$\frac{x^3}{1} \cdot \frac{4x^3}{4x^3} = \frac{4x^6}{4x^3}$

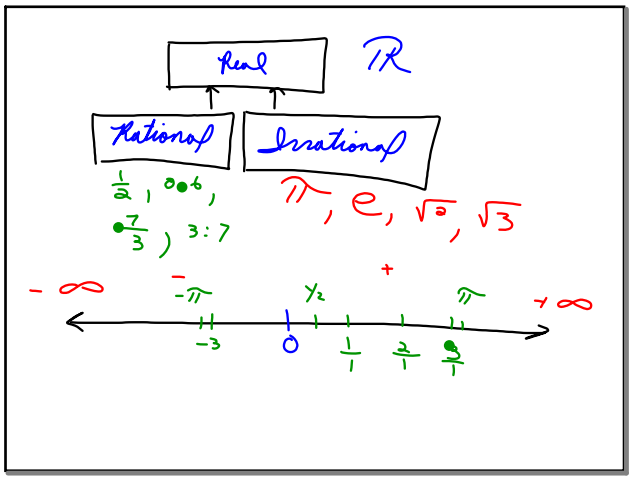
FPF: $\frac{a}{b} \cdot \frac{c}{c} = \frac{ac}{bc}$

$\frac{1}{1} \cdot \frac{16x^6}{16x^6} = \frac{16x^6}{16x^6}$

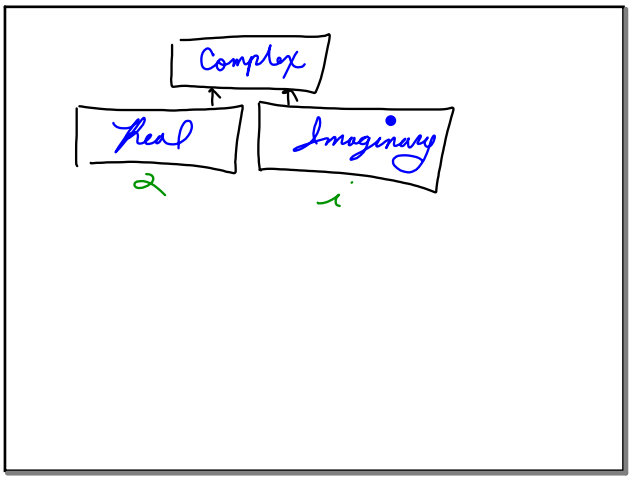
Jun 6-9:23 AM



Jun 6-9:11 AM



Jun 6-10:19 AM



Jun 6-10:22 AM