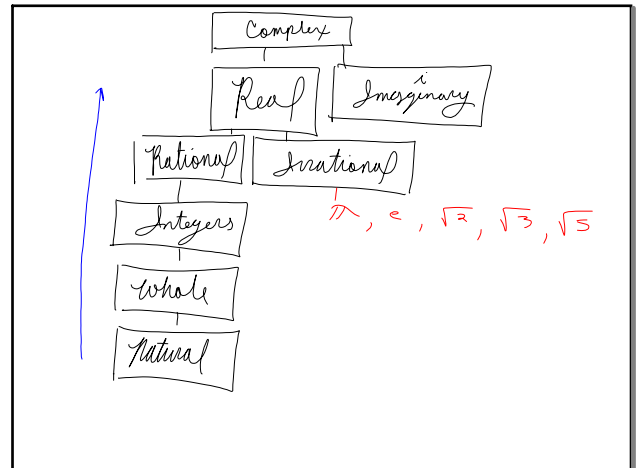


January 15, 2016

$$W = \{0, 1, 2, \dots\}$$

$$\mathbb{Z} = \{\dots, -2, -1, 0, 1, 2, \dots\}$$

Jan 15-11:23 AM



Jan 15-11:26 AM

* Set-Builder
 * Interval
 * Set-Builder

$$S = \{x \mid a \leq x \leq b \text{ what?}\}$$

↑
Matching Variable ↓
such that

$$\mathbb{R} = \{x \mid x \text{ is a real number}\}$$

-6 to 14 ⇒ Natural

$$\{1, 2, \dots, 14\}$$

$$\{x \mid x \text{ is } 1, 2, \dots, 14\}$$

Jan 15-11:30 AM

Multi-Step HO

$$\#17) \quad -1(1+7x) - 6(-7-x) = 36$$

$$-1 - 7x + 42 + 6x = 36$$

Collect like terms

$$41 - x = 36$$

$$-41 \quad -41$$

$$\underline{-x = -5}$$

$$\underline{-1 \quad -1}$$

ok $x = 5$

$$-(-1+7(5)) - 6(-7-(5)) = 36$$

$$-(1+35) - 6(-12)$$

$$-(36) + 72$$

$$-36 + 72$$

$$36 = 36 \checkmark$$

Jan 15-11:40 AM



Jan 15-11:47 AM