

January 28, 2015
 Quiz #3 - Friday
 • 2.1 Intro to Functions
 + West Texas site
 + Handout
 • Everything Prior

Jan 28-10:53 AM

$A = \{x \in \mathbb{N} \mid 2 < x \leq 5\}$

 $B = \{x \in \mathbb{Z} \mid -5 < x < 5\}$

 ① $A \cup B = \{x \in \mathbb{Z} \mid -4 \leq x \leq 5\}$

 ② $A \cap B = \{x \in \mathbb{N} \mid 3 \leq x \leq 5\}$

 {3, 4, 5}

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2.1
 #26) $f \mid x \rightarrow 4 - 5x$
 Rule
 Input $2a + 11$
 $4 - 5(2a + 11)$
 $4 - 10a - 55$
 $-51 - 10a$
 Output

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Linear Function
 Lines
 Parent Function
 $f(x) = x$
 Rule
 $f \mid x \rightarrow x$

 (Horizontal Position, Vertical Position)
 (Domain, Range)

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www.Desmos.Com

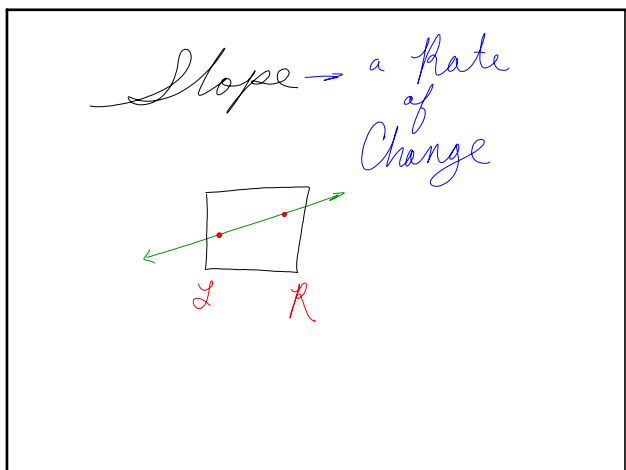
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\mathbb{N}
 $x > 3$ or $3 < x$

 $x < 3$ or $3 > x$

 $3 < x < 5$

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