Polynomials Post Test

~~Calendar Math~~

3.1 Part 1 Domain and Range

Objective: Demonstrate understanding of finding the Domain and Range of the given graphs.

Oct 9-2:59 PM

(11) $(n^{3/4})^{2/3}$

$\frac{3}{4} \cdot \frac{2}{3} = \frac{6}{12}$ $n^{\frac{6}{12}} = n^{\frac{1}{2}}$

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(9) $(x^2+1)-(7x-2)$

$x^2+1-7x+2 = \boxed{x^2-7x+3}$

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(18) $-2\sqrt{392n^3}$

$14 \cdot 28$ $n\,n\,n$

$2 \cdot 7$ $2 \cdot 14$ $3 \cdot 7$

$-2 \cdot 2 \cdot 7 \cdot n\sqrt{2n}$

$-4 \cdot 7 = -28$

$\boxed{-28n\sqrt{2n}}$

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(8)

	x^2	5
x	x^3	$5x$
2	$2x^2$	10

$x^3+5x+2x^2+10$

$x^3+2x^2+5x+10$

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Post Test Review Questions

Oct 9-3:01 PM

Calendar Math

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3.1 Part 1 Domain and Range

Domain: Domain of a function is the set of x-values that make that function true.

x

Range: Range of a function is the set of y-values that make that function true.

y [0,0]

Interval Notation:

closed circle [ ] point value on the graph

open circle ( )

⟷ ( )

Set interval Notation:

$\{x \in \mathbb{R}$ can be a fraction

$\mathbb{Z}$ cannot be a fraction

$\{y \in \mathbb{R} \mid 0 \le y \le 3\}$

$\mathbb{Z} \mid -1 < y < 5\}$

$\mathbb{R}$ Symbols real number

$\mathbb{Z}$ Integers

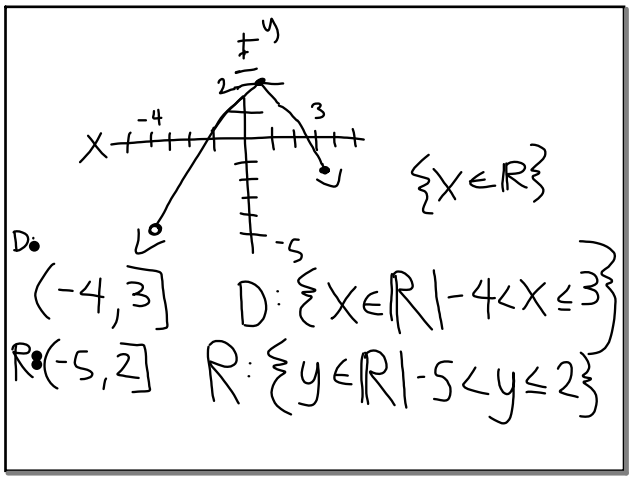
$\in$ is, are included Set

$\{x \in \mathbb{R}\}$ $\{x \in \mathbb{Z}\}$

$\{y \in \mathbb{R}\}$ $\{y \in \mathbb{Z}\}$

Oct 9-3:01 PM

Oct 10-10:34 AM



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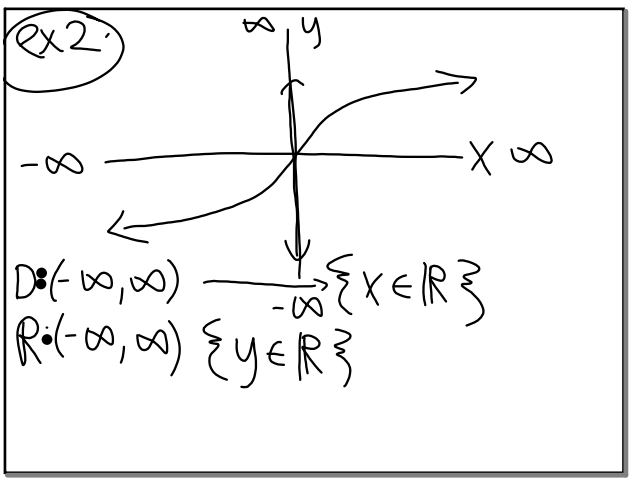

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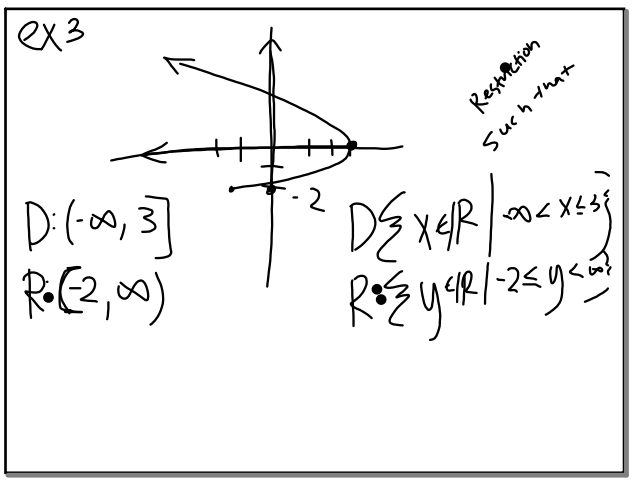

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