January 20, 2015

Quiz #1

#2 = -4

-2 #2

2 quizzes 20 pts

total 3 missed

20 - 3 = 17/20 = 85

Jan 20-9:05 AM

#4) $0.\overline{44}$

① Let $1x = 0.\overline{44}$

② $100x = 44.\overline{44}$

③ $100x = 44.\overline{44}$

$x = 0.\overline{44}$

$\frac{99x}{99} = \frac{44}{99}$

$x = \frac{44}{99} = \frac{4}{9}$

Jan 20-9:09 AM

#1)

	N	W	Z	Q	Q′	R
16	✓	✓	✓	✓	✓	✓
$\sqrt{5}$					✓	✓
$\frac{2}{7}$				✓	✓	
-9			✓	✓		✓
0		✓	✓	✓		✓

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Q Q′ R

$\sqrt{5}$

#5) Real → Rational, Irrational

#3) 0.760.00

$\frac{760}{1000} = \frac{380}{500} = \frac{190}{250}$

$= \frac{95}{125}$

$= \frac{19}{25}$

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= Equal To (of Equivalent Value)

Order Property

a b

Inequality $a \neq b$ not equal to

① $a < b$ a is less than b

② $b > a$ b is greater than a

③ $a \leq b$ a is less than or equal to b

$a = 4$, $b = 5$

$a < b$ true

$a = 4$, $b = 4$ $a \leq b$ true!

④ $b \geq a$ b is greater than or equal to a.

Jan 20-9:29 AM

$5 < 11$

5 11

$(5 - 3) = (4 - 2)$

$(2) = (2)$ true

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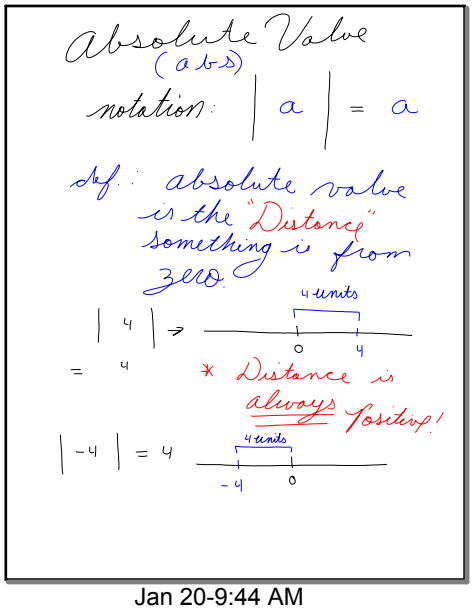
Absolute Value
(abs)
notation: |a| = a
def: absolute value is the "Distance" something is from zero.
|4| →
4 units
0
4
= 4
* Distance is always positive!
|-4| = 4
4 units
-4
0

Jan 20-9:44 AM