

January 16, 2015
 * Math Jam starts today!
 12:00 - 2:00
 Room 320!

Jan 16-10:58 AM

	\mathbb{N}	\mathbb{W}	\mathbb{Z}	\mathbb{Q}	\mathbb{Q}'	\mathbb{R}
16	✓	✓	✓	✓		✓
$\sqrt{5}$					✓	✓
$\frac{2}{7}$				✓		✓
$0.\overline{45}$				✓		✓
0		✓	✓	✓		✓

Jan 16-11:14 AM

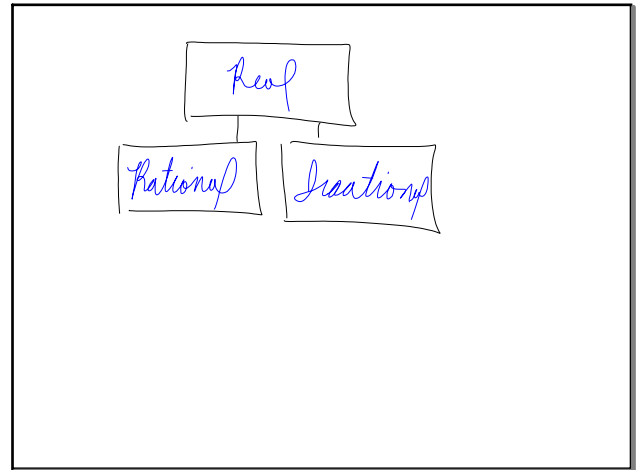
all Rational Numbers less than 6

① $a = \{x \in \mathbb{Q} \mid x < 6\}$

② $a = \{x \mid x \in \mathbb{Q} \ \& \ x < 6\}$

$\mathbb{Q} = \{x \mid x < 6\}$

Jan 16-11:17 AM



Jan 16-11:22 AM

list all Natural numbers less than 1.

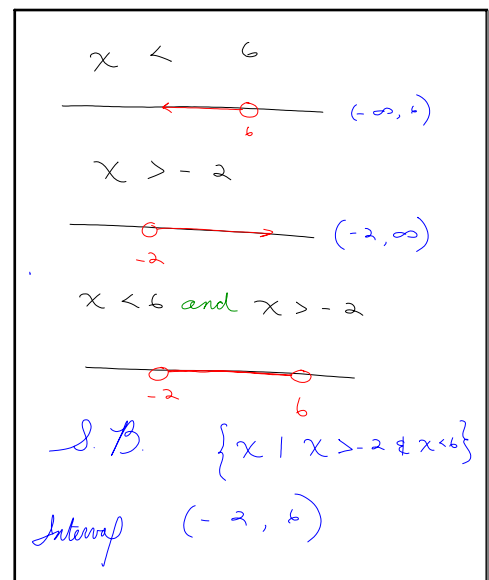
Empty Set

$\{\} = \emptyset$

* Null Set

$a = \emptyset$

Jan 16-11:25 AM



Jan 16-11:29 AM

① $x > -2$ and $x < 6$

$-2 < x < 6$

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$-8 < x \leq 5$

$x \leq 5$ and $x > -8$

S.B. $\{x \mid x > -8 \text{ and } x \leq 5\}$

$[-8, 5]$

Jan 16-11:39 AM