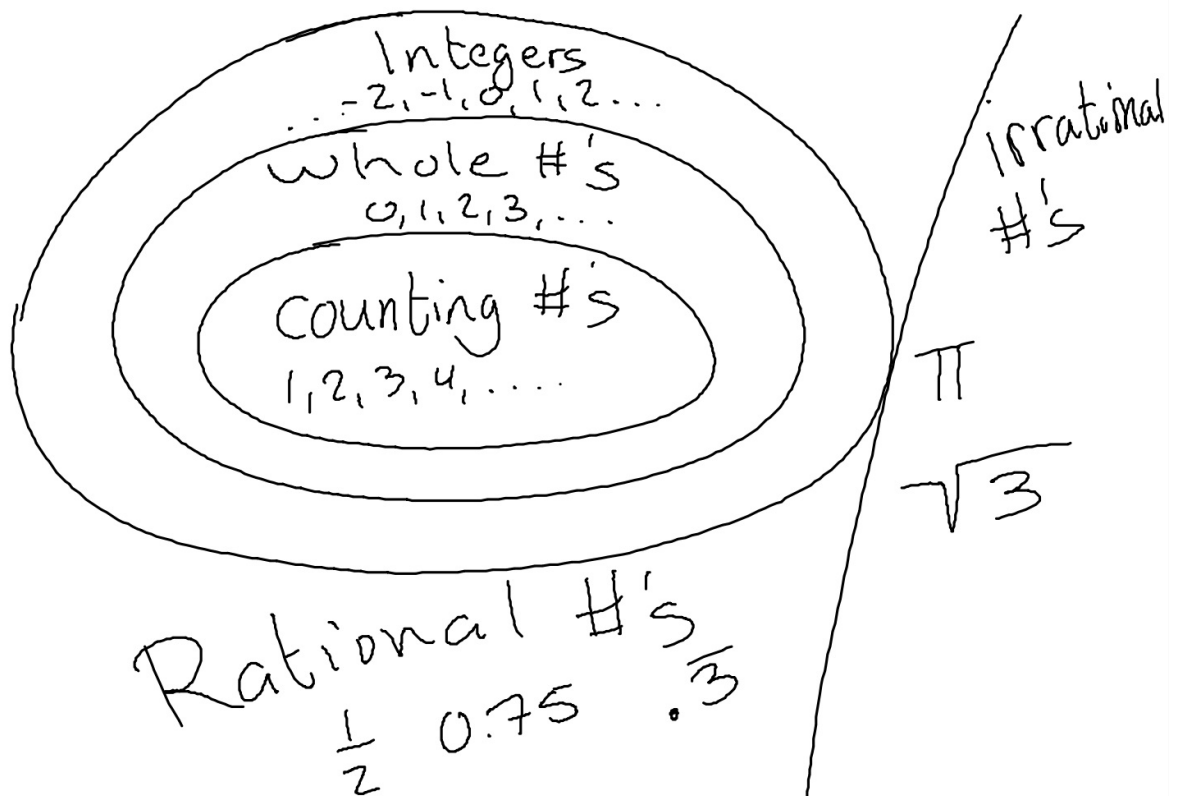


Lesson 16: Irrational #'s



REAL #'S

Rational #'s	Irrational #'s
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$$\text{Area} = 9\text{cm}^2$$

3cm

3cm

$$A = s^2$$

$$\sqrt{9} = \sqrt{s^2}$$

$$3 = s$$

$$\sqrt{3}\text{cm}$$

$$A = 3\text{cm}^2$$

$\sqrt{3}\text{cm}$

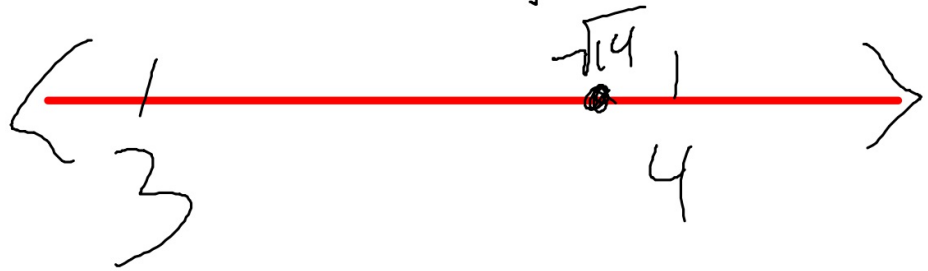
$$\sqrt{s^2} = \sqrt{3}$$

$$s = \sqrt{3}$$

$$\sqrt{9} \quad \sqrt{14} \quad \sqrt{16}$$

3

4



$$\sqrt{25} \quad \sqrt{27} \quad \sqrt{36}$$

5

6

7, -2, 8, 4, $\sqrt{27}$

-2, 4, $\sqrt{27}$, 7, 8
least greatest

$$\begin{array}{r} 7 + x = 10 \\ -7 \quad -7 \\ \hline x = 3 \end{array}$$

$$A = 25 \text{ in}^2$$

$$A = S^2$$

$$\sqrt{25 \text{ in}^2} = \sqrt{S^2}$$

5 in

$\sqrt{x^2}$ is oppo of x^2

$$A = 7 \text{ in}^2 \quad S$$

$$S \quad \sqrt{7 \text{ in}^2} = \sqrt{S^2}$$

$$\sqrt{7 \text{ in}^2} = S$$

L16 # 3-11, 16-23, 28-30