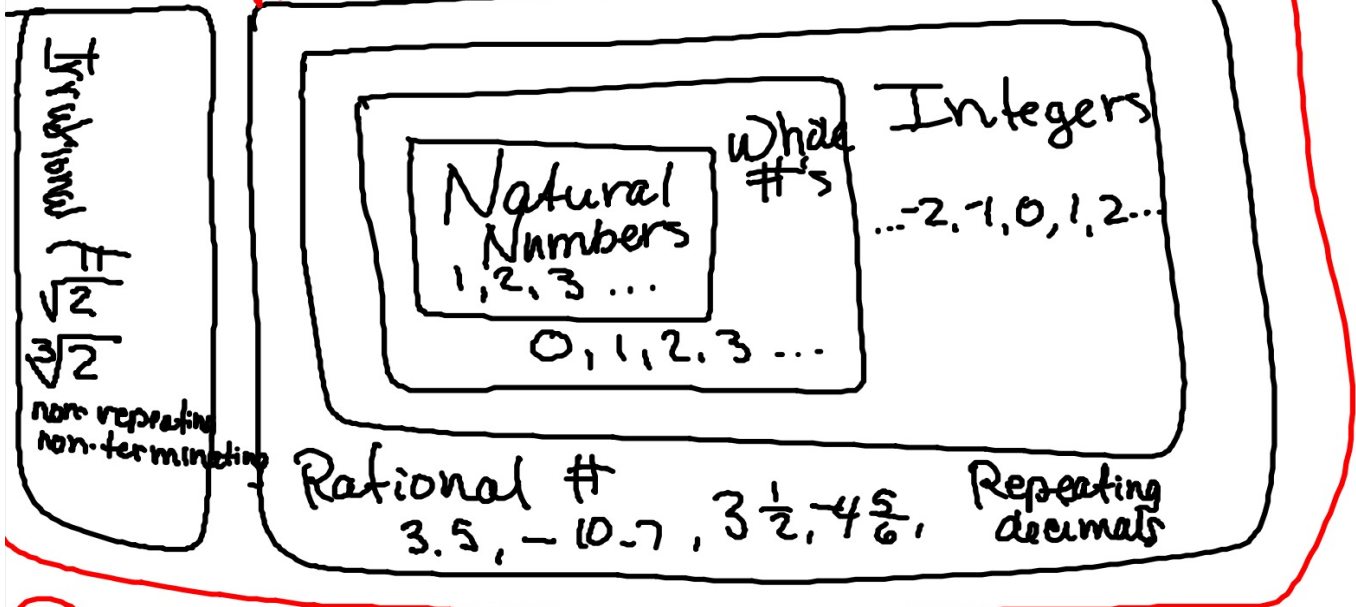


~~REAL NUMBERS~~



Real #'s are any #'s that can be placed on a numberline.

Order #'s
ascending
increasing
descending
decreasing

$$-\sqrt{2}, -1.5, -1.55, -1$$

-1.4

Ascending order:

$$-1.55, -1.5, -\sqrt{2}, -1$$

Properties

Commutative

$$a+b = b+a \quad \text{CPA}$$

$$xy = yx \quad \text{CPM}$$

Associative

$$(a+b)+c = a+(b+c) \quad \text{APA}$$

$$(xy)z = x(yz) \quad \text{APM}$$

Distributive

$$a(b+c) = ab+ac$$

Identity

$$a+0 = a \quad \text{IdA}$$

$$x \cdot 1 = x \quad \text{IdM}$$

Inverse

$$a+(-a) = 0 \quad \text{InA}$$

$$x \cdot \frac{1}{x} = 1 \quad \text{InM}$$

sum +
difference -
product . ()
quotient _____

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#13-32 all
due Tuesday

