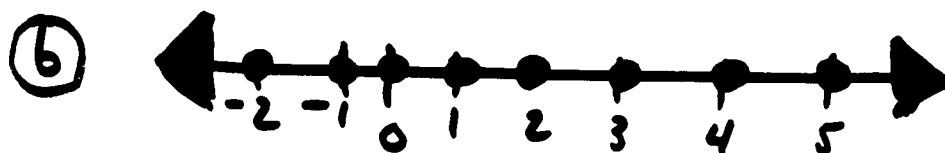


BE-1A THURSDAY 9-27-07

① NAME EACH SET OF NUMBERS:

Ⓐ  $\{1, 2, 3, \dots\}$



Ⓒ  $\{0, 1, 2, 3, \dots\}$

Ⓓ  $\{\text{All terminating and repeating decimals}\}$

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Ⓐ  $|4| = ?$

Ⓑ  $|-4| = ?$

Ⓒ  $\frac{5}{0} = ?$

Ⓓ  $\frac{0}{5} = ?$

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Homework Review: Pg. 70 #1, 2, #4-7  
(from Tuesday) AND #10-13

# RECALL

RATIO = a fraction

RATIONAL numbers =  $\left\{ \frac{a}{b} \right\}$  where  $b \neq 0$

And  $a, b$   
are any  
integers.

(EX)  $\frac{0}{4} = 0$   $\frac{4}{0} = \text{UNDEFINED}$  ALL terminating or repeating decimals  
I cannot break on 0

$|x|$  reads: "the absolute value of  $x$ "  $\Rightarrow$  "distance from zero"

• Absolute value is always positive

$$|6| = 6$$

$$|-6| = 6$$