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Solving Inequations

Nov. 23

(a)

$$5 > 4$$

is greater than

$$15 \geq 17$$

← false

greater than
or equal to

$$d) \quad 6 < 8$$

is less than

$$e) \quad 7 \leq 7$$

less than or
equal to

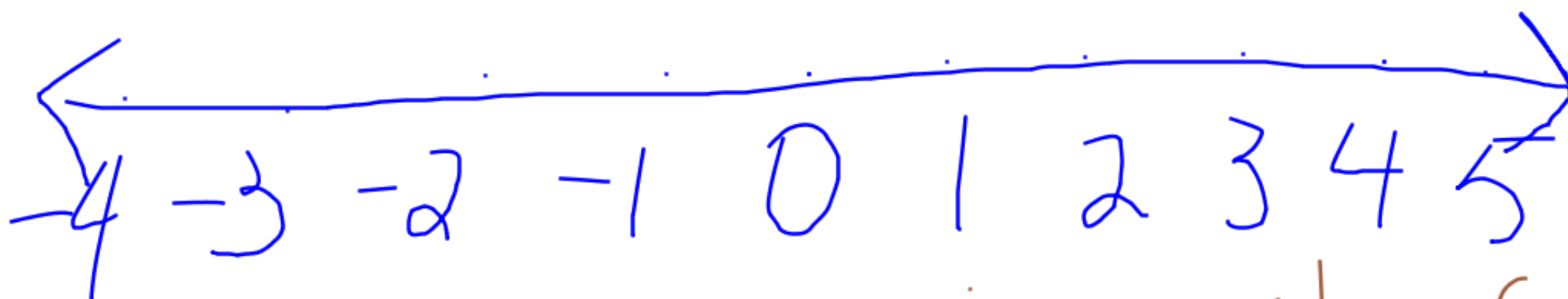
2a) Which x values make each
inequality true.

$$x + 2 < 8 \quad (3, 6)$$

Solve and graph

$$3. \quad x - 2 > 0 + 2$$

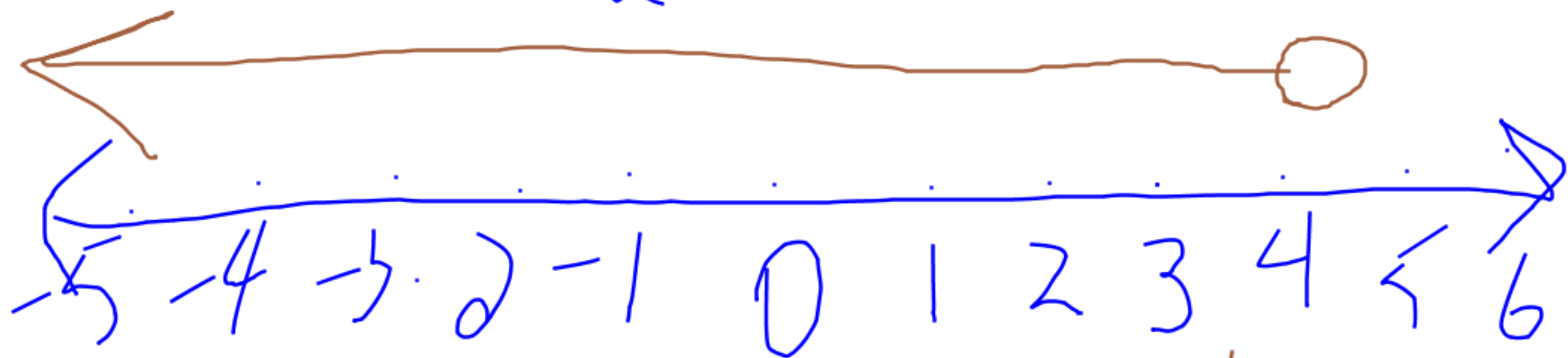
$$x > 2$$



x is an integer
 $x \in \mathbb{I}$

$$5. \quad x - 3 < 1$$

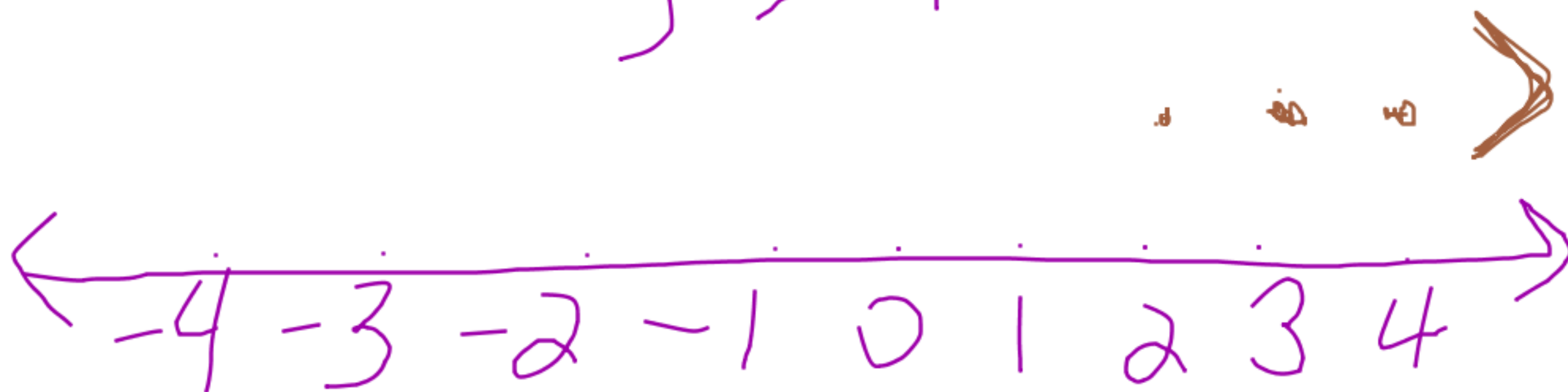
$$x < 4$$



x is a real number
 $x \in \mathbb{R}$

$$7. \quad y - 4^{+4} > -3^{+4}$$

$$y > 1$$



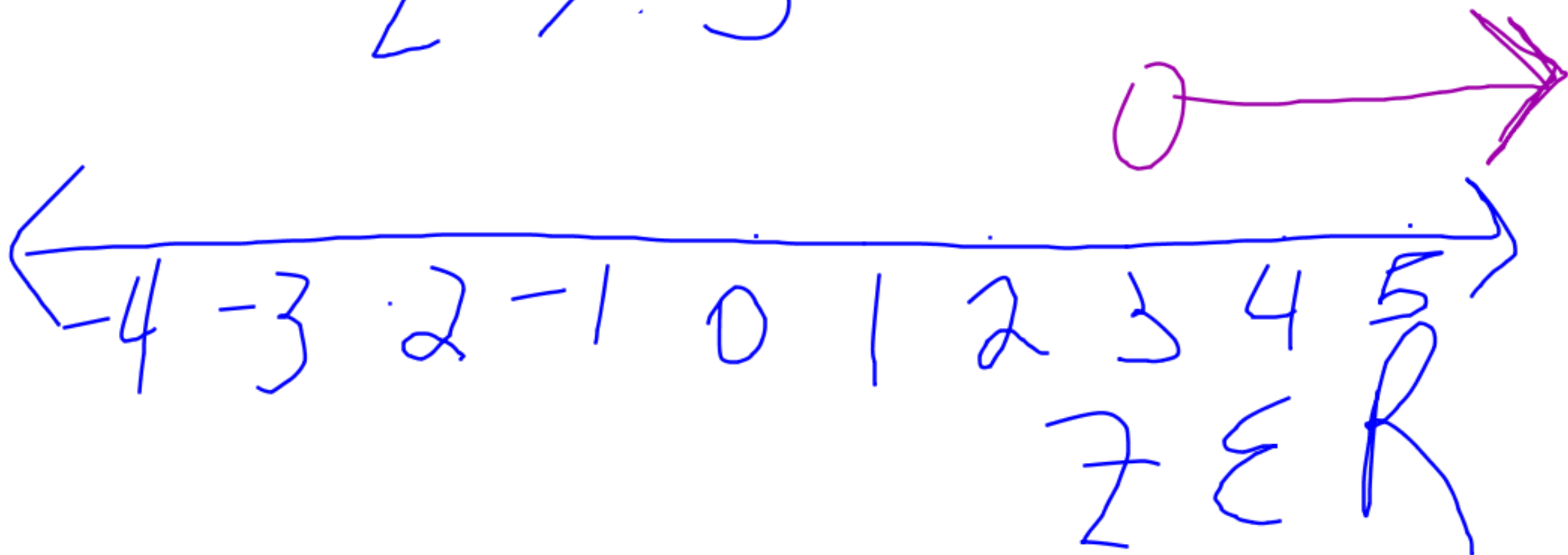
$$y \in I$$

9.

$$1^{+2} < -2^{+2} + z$$

$$3 < z$$

$$z > 3$$



hand out 4 on back +
hand-in
or page is
hwk

homework

3 equations - hand-out

p. 361 finish

Inequations thru 19

alternate Integers

& Real Number graphs