

Math 415 Fall 2020 Practice Quiz

$$2t - 4 > 9 + 7t$$

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+4 each side

$$2t > 13 + 7t$$

-7t each side

$$-5t > 13$$

divide by -5

$$t > -13/5$$

$$-2w + 3 \leq 4$$

-3 each side

$$-2w \leq 1$$

divide by -2

$$w \leq -1/2$$

$$|3x + 2| - 6 > -2$$

+6 each side

$$|3x + 2| > 4$$

$$3x + 2 > 4$$

$$3x + 2 < -4$$

-2 each side

$$3x > 2$$

$$3x < -6$$

divide by 3

$$x > 2/3$$

$$x < -2$$

$$(2/3, 2)$$