

$$4 < 7$$

$$2 < 5$$

or

$$8 > 1$$

With inequalities, always read from the variable.

x is greater than 3

$$x > 3$$

x is greater than 3

$$3 < x$$

x is less than 10

$$x < 10$$

x is less than 10

$$10 > x$$

With inequalities, always read from the variable.

x is greater than or equal to 2

$$x \geq 2$$

x is greater than or equal to 2

$$2 \leq x$$

x is less than or equal to 8

$$x \leq 8$$

x is less than or equal to 8

$$8 \geq x$$

Solve Inequalities, Graph Solutions & Write Solutions in
Interval Notation

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$$19 < 3x + 7$$

number lines courtesy of
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$$7r + 4 - r \leq 17 - 2r + 3$$



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$$-3(4 + 7q) - 28 < -5(2 + 3q)$$



$$10 \leq -\frac{5}{8}k$$

