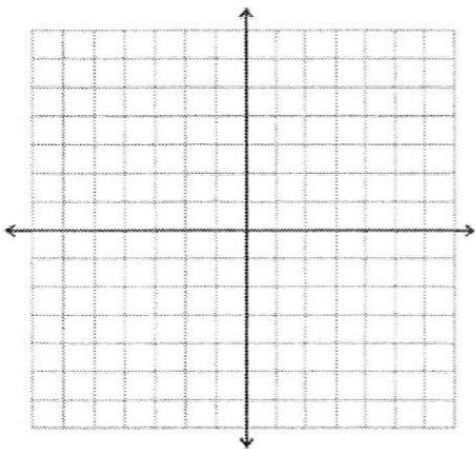


Sketch $-x^2 - 12x < 32$



Give the solution set in the following ways:

Symbols:

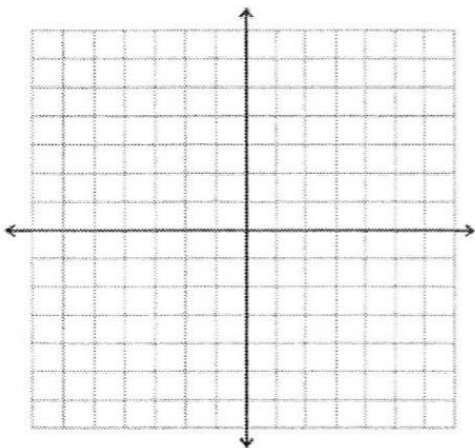
Number Line:

Interval:

Use Algebraic Reasoning to Solve:

Use a sign chart to solve the quadratic inequality

Sketch $2x^2 + 4x \geq x^2 - x - 6$



Give the solution set in the following ways:

Symbols:

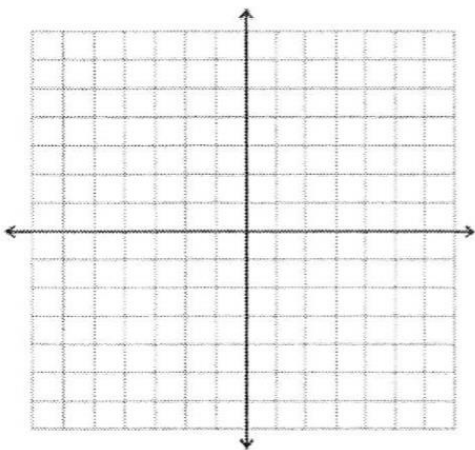
Number Line:

Interval:

Use Algebraic Reasoning to Solve:

Use a sign chart to solve the quadratic inequality

Sketch $x^2 - 5x < 18 + 2x$



Give the solution set in the following ways:

Symbols:

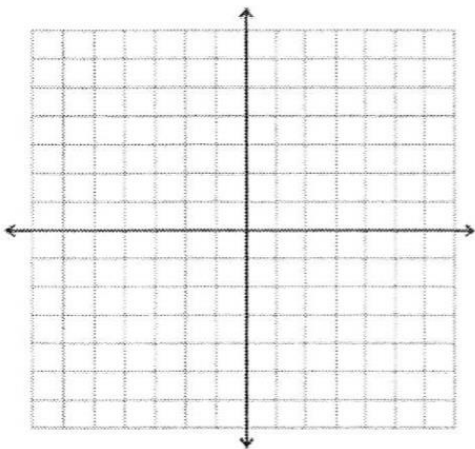
Number Line:

Interval:

Use Algebraic Reasoning to Solve:

Use a sign chart to solve the quadratic inequality

Sketch $10x - 2 \geq 2x^2 - 3x - 9$



Give the solution set in the following ways:

Symbols:

Number Line:

Interval:

Use Algebraic Reasoning to Solve:

Use a sign chart to solve the quadratic inequality