Graph $2x+3y=6$

Find and mark the x intercept
To do this, set y=0, and solve for x.

Find and mark the y intercept
To do this, set x=0, and solve for y.

$2x+3(0)=6$
$2x+0=6$
$2x=6$
$x=3$
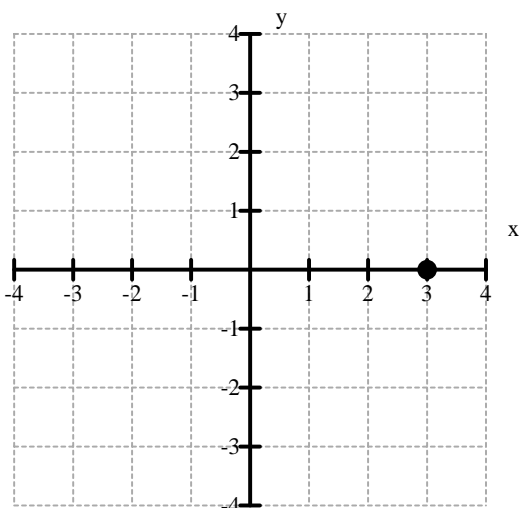
$2(0)+3y=6$
$0+3y=6$
$3y=6$
$y=2$

Mark the point (3,0).
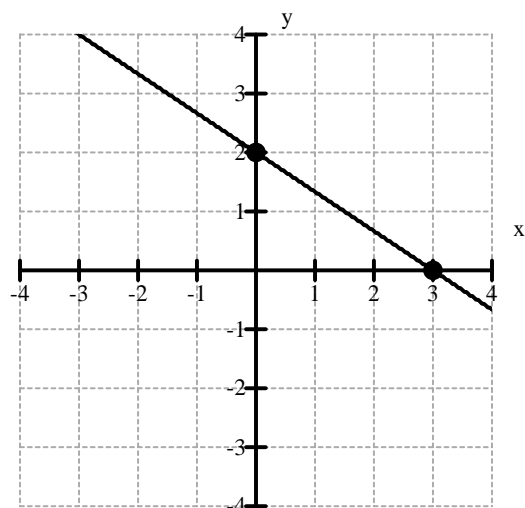
Mark the point (0,2).
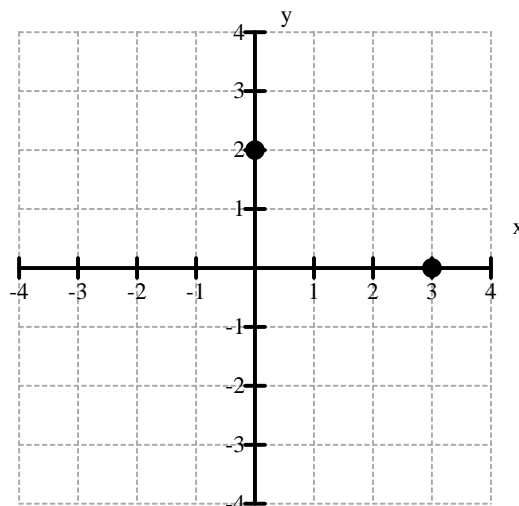
At this point, you connect the two
points (3,0) and (0,2) with a straight line.
This is the final graph.

Review of solving linear equations:

Solve $2x+4=8$
1) Subtract 4 from both sides: $2x+4-4=8-4$
2) Simplify: $2x=4$
3) Divide both sides by 2: $\dfrac{2x}{2}=\dfrac{4}{2}$
4) Simplify: $x=2$

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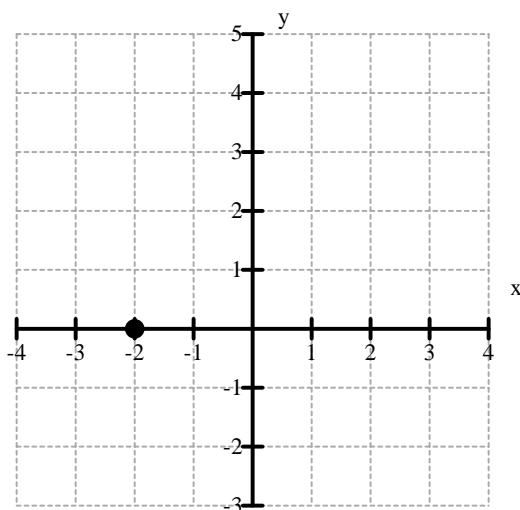
Graph -2x+y=4

Find and mark the x intercept
To do this, set y=0, and solve for x.

Find and mark the y intercept
To do this, set x=0, and solve for y.

$-2x+3(0)=4$
$-2x+0=4$
$- 2x=4$
$x=-2$

$2(0)+y=4$
$0+y=4$
$y=4$

Mark the point (-2,0).
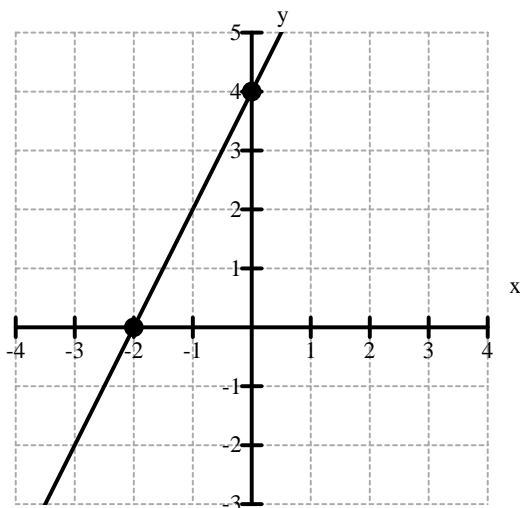
Mark the point (0,4).
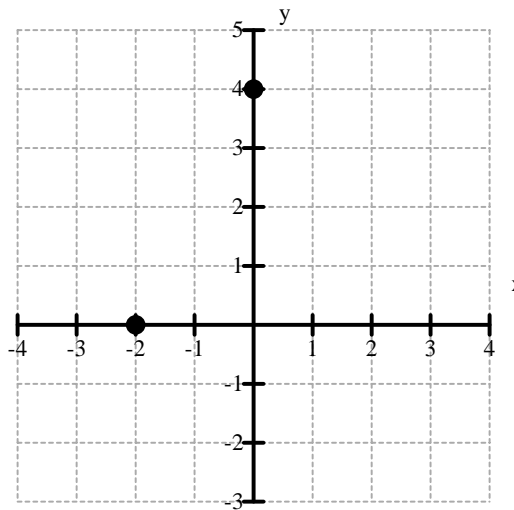
At this point, you connect the two
points (-2,0) and (0,4) with a straight line.
This is the final graph.

Review of solving linear equations:

Solve $2x+4=8$
1) Subtract 4 from both sides: $2x+4-4=8-4$
2) Simplify: $2x=4$
3) Divide both sides by 2: $\dfrac{2x}{2}=\dfrac{4}{2}$
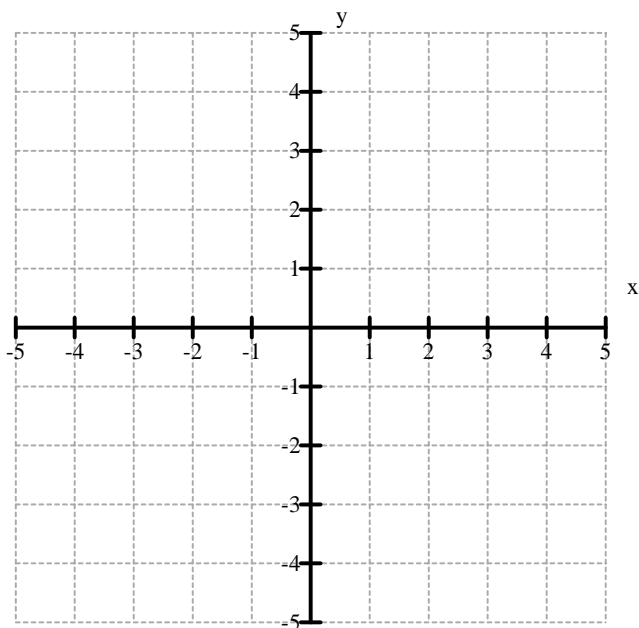
4) Simplify: $x=2$

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Graph

Find and mark the x intercept
To do this, set y=0, and solve for x.
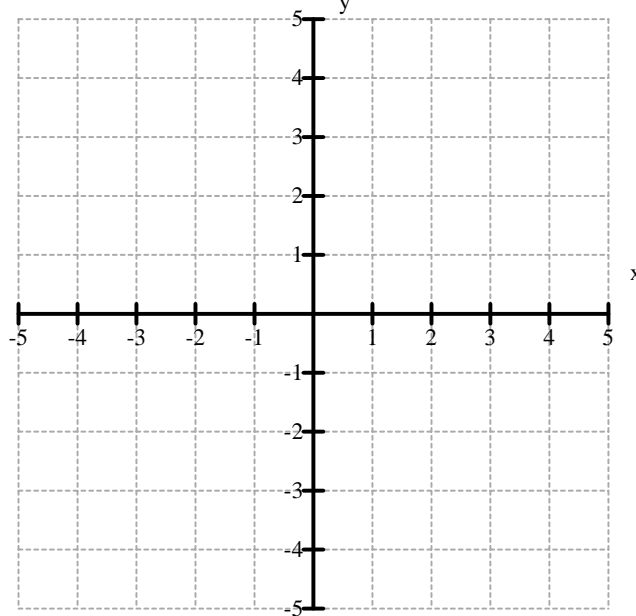
Find and mark the y intercept
To do this, set x=0, and solve for y.

Mark the point (,   ).

Mark the point (,   ).

At this point, you connect the two
points (,   ) and (,   ) with a straight line.
This is the final graph.

Review of solving linear equations:

Solve $2x+4=8$

1) Subtract 4 from both sides: $2x+4-4=8-4$

2) Simplify: $2x=4$

3) Divide both sides by 2: $\dfrac{2x}{2}=\dfrac{4}{2}$

4) Simplify: $x=2$

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Graph

Find and mark the x intercept
To do this, set y=0, and solve for x.

Find and mark the y intercept
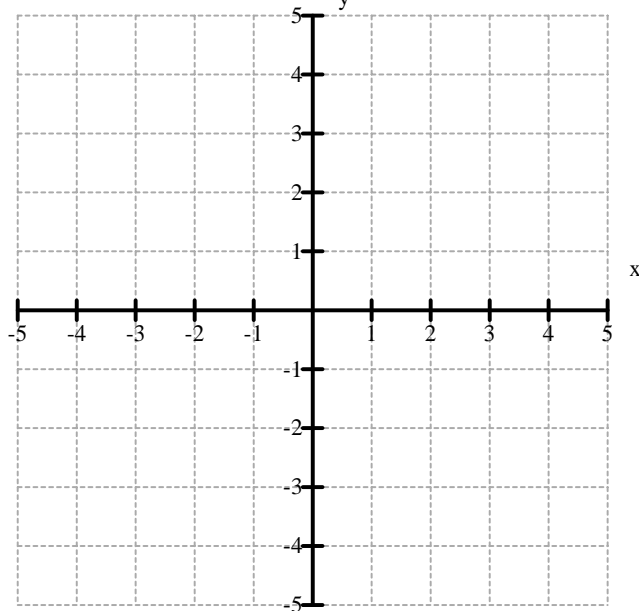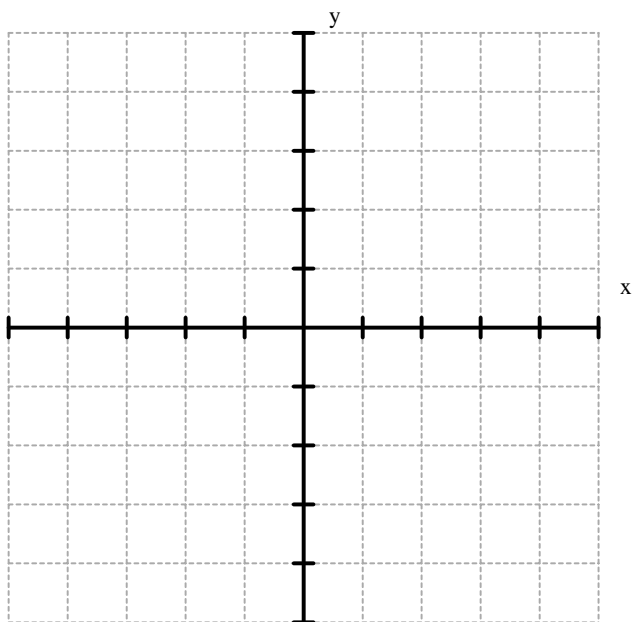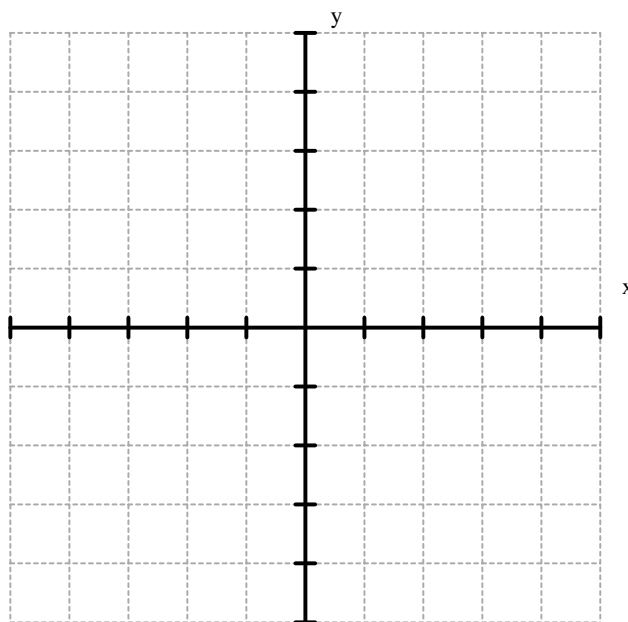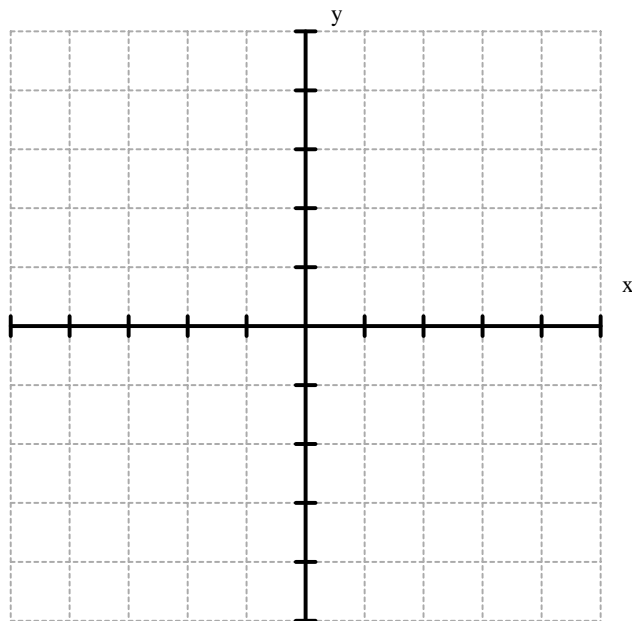To do this, set x=0, and solve for y.

Mark the point (,).

Mark the point (,).

At this point, you connect the two
points (,) and (,) with a straight line.
This is the final graph.
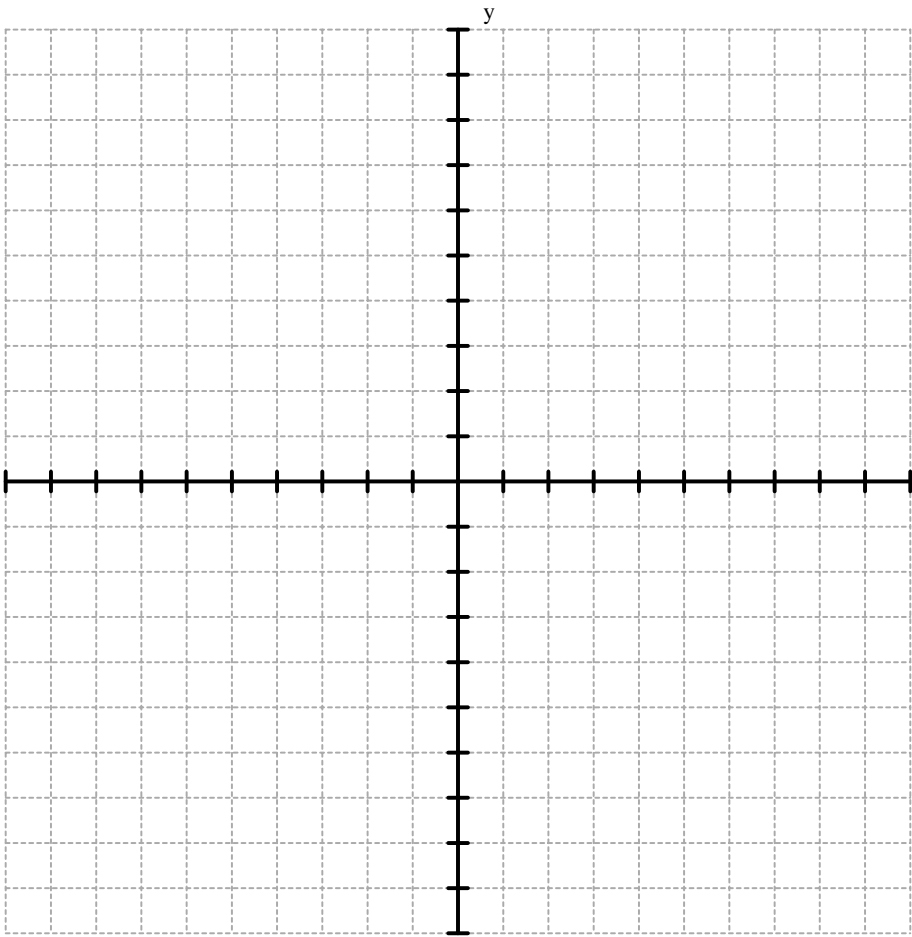
Review of solving linear equations:
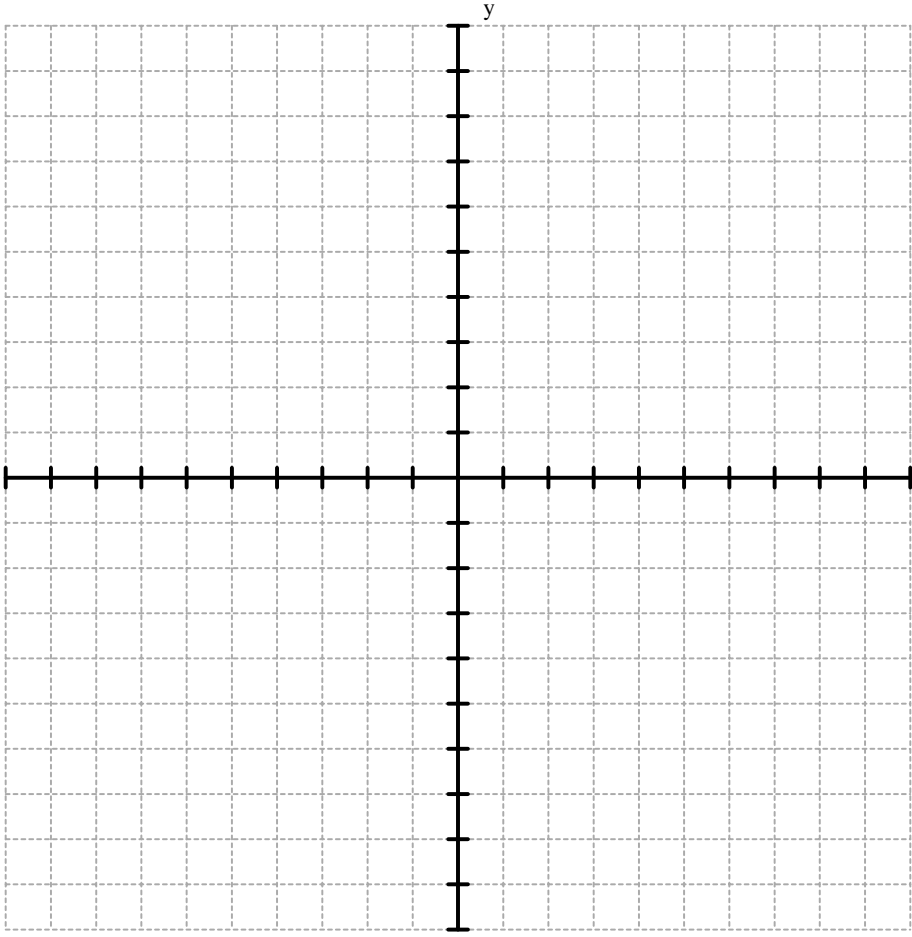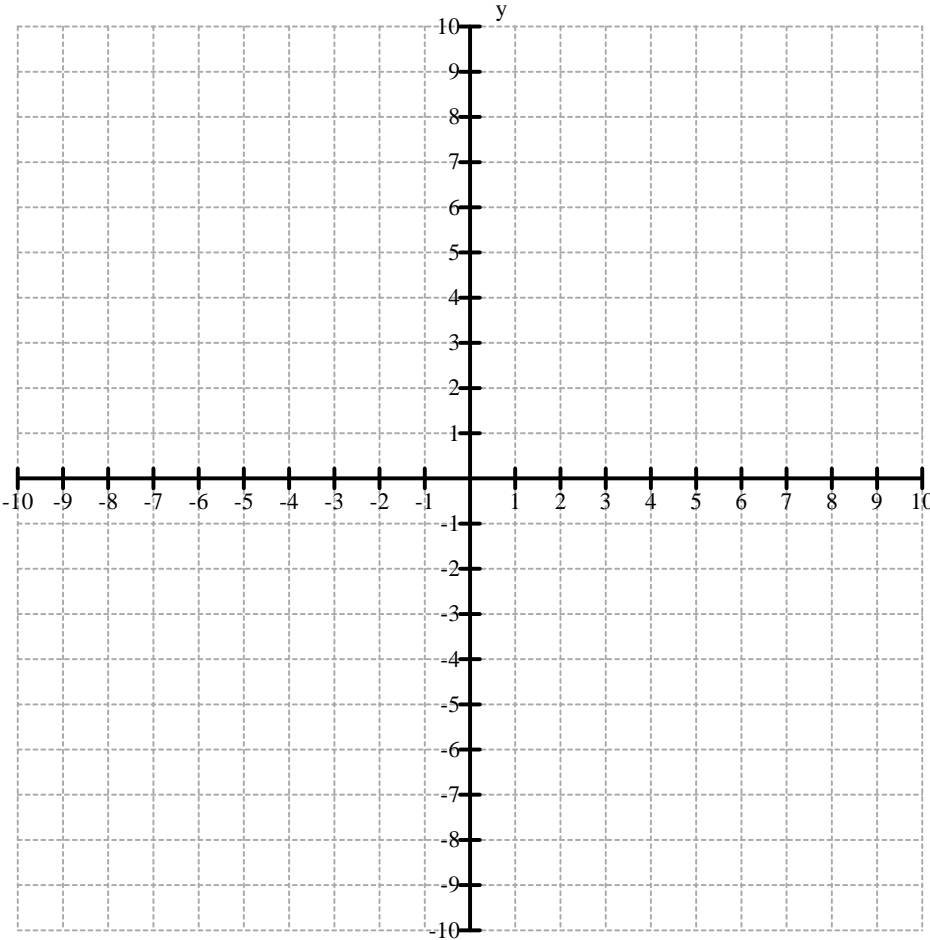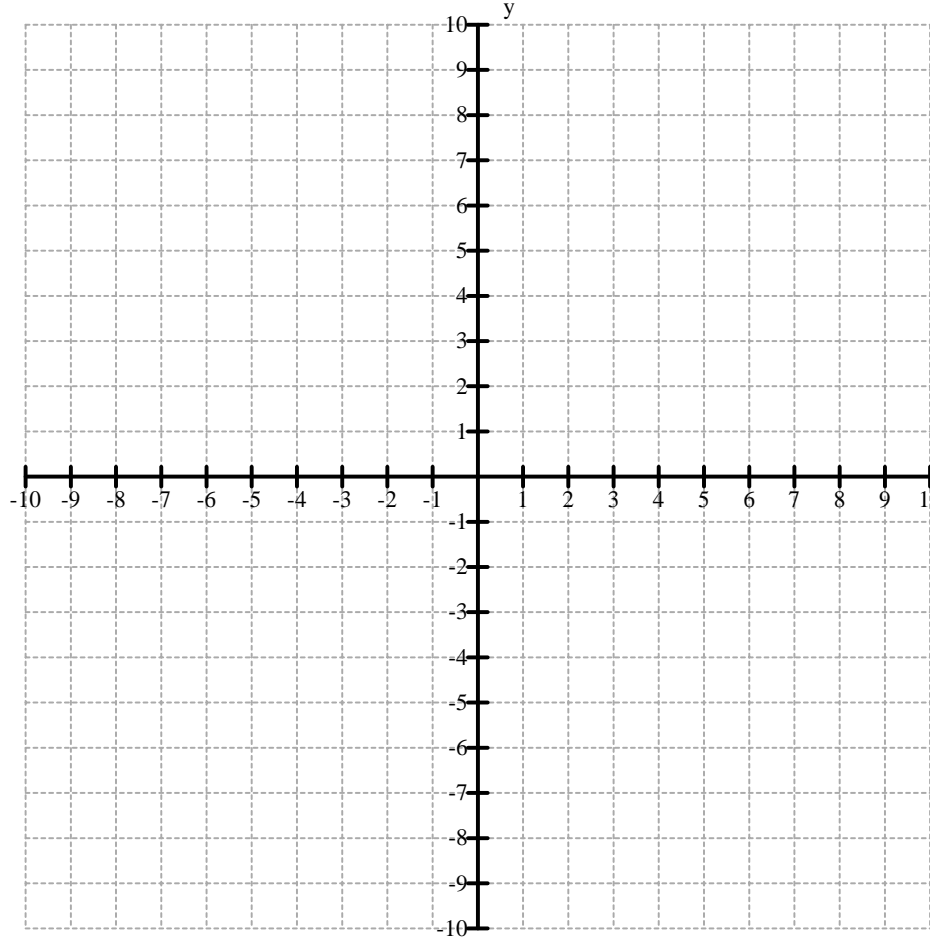
Solve $2x+4=8$

1) Subtract 4 from both sides: $2x+4-4=8-4$

2) Simplify: $2x=4$

3) Divide both sides by 2: $\dfrac{2x}{2}=\dfrac{4}{2}$

4) Simplify: $x=2$

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| Name: | Date: | Due Date: |

Graph

Find and mark the x intercept
To do this, set y=0, and solve for x.

Mark the point (,).

Find and mark the y intercept
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