

Inequalities Homework

1) Solve:

a) $8x + 17 > 5$

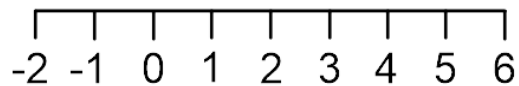
b) $x + 39 \leq 6x + 4$

c) $-23 < 4x + 1 \leq 13$

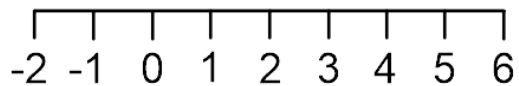
2) Solve $x^2 - 2x - 8 > 0$

3) Plot on the number lines:

a) $3 - 2x > -5$



b) $-9 \leq -3x < 3$

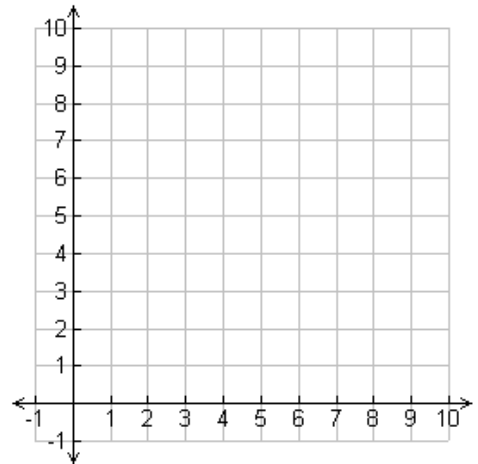


4) Shade the region where:

$x \geq 2$

$y > 5$

$x + y \leq 8$



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Grade:

I did well at:

To Improve I need to:

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