

1. **Simplify** each of the equations below. Write your answer in slope-intercept form.

a) $y = 4(x + 8) - 12$

b) $y = (6x - 5) - 7(x + 3)$

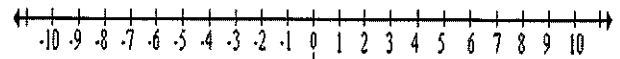
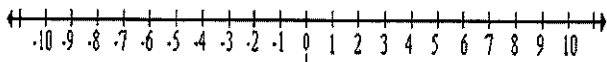
a) $6 + 5x = 8x + 15$

b) $5x - 60 = 140$

3. **Solve** each of the inequalities below. Then graph the solution on a number line. Show your work.

a) $5x - 8 \leq 22$

b) $-4x + 3 > -33$



4. Using tables, graphs, or algebraic reasoning, solve each system.

$y = -5x - 7$

$y = 6x + 15$

$y = 3x + 10$

$y = 6x + 4$

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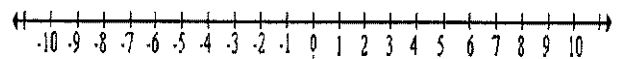
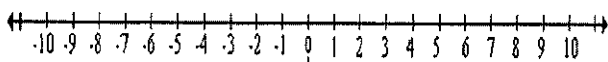
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