

Algebra One – CP2

Chapter 7 (4,8) Review Worksheet

Do all work on another sheet of paper. Graphs must be done on graph paper or the pre-made graph paper from the website.

7-4 Solve, graph and check

Checks = 1 yes, 2 no of the SAME number. (Answers must have variable on the left.)

- 1) $7x - 3 < 18$ or $x - 4 \geq 7$
- 2) $4x > 16$ or $\frac{1}{2}x < -5$
- 3) $7 - 2x \leq 17$ or $x + 5 < -9$
- 4) $2x + 3 < 6x - 1$ or $3 > x + 7$

7-4 Solve, graph and check

Check = 1 yes and 1 no. (Use less than symbols only.)

- 5) $2 \leq 3x - 7 \leq 23$
- 6) $-22 < 13x - 9 < 56$
- 7) $-27 < 6x + 21 \leq 75$
- 8) $-25 < \frac{3}{4}x + 2 \leq -10$

7-8 Graph each

inequality on graph paper. (Show all required work like the notes!)

- 9) $y < -4$
- 10) $x - y > 4$
- 11) $2x + 3y \leq -9$

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