

EXTRA PRACTICE — Exercises

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Unit II – First Degree Relations with One Placeholder

Part D – Systems of Equations and Inequalities

Lesson 4 – Absolute Value Less Than a Positive Number (and)

Find the solution set for each of the following absolute value relations and show the solution set on a number line and in set notation.

1. $|3m| \leq 12$

2. $|4y - 2| \leq 10$

3. $|4t + 6| \leq 14$

4. $|-5 - 7x| \leq 30$

5. $3|x + 1| \leq 18$

6. $7 - |3 - 2x| \geq 5$

7. $\frac{2}{5}|y + 3| < 9$

8. $|m + 5| + 19 \leq 16$

9. $\left| \frac{2}{3} - 4x \right| \leq \frac{4}{5}$

10. $\left| \frac{5 - 3v}{2} \right| < 4$

EXTRA PRACTICE — Answer Key

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