

Solve:

1. $2x + 5 < 9$

2. $2x + 5 > 9$

3. $9 > 2x + 5$

4. $10 > 2x + 5$

5. $10 \geq 2x + 5$

6. $10 \geq 2x - 5$

7. $2x - 5 \geq -10$

8. $x - 5 \geq -10$

9. $5 - x \geq -10$

10. $5 - x \leq -10$

11. $5 - 5x \leq -10$

12. $6 - 5x \leq -10$

13. $-5x + 6 \leq -10$

14. $-5x - 6 \leq -10$

15. $-5x - 6 \leq 10$

16. $-10x - 6 \geq -10$

Solve:

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|----|-------------------|---------------|-----|--------------------|---------------|
| 1. | $2x + 5 < 9$ | $x < 2$ | 9. | $5 - x \geq -10$ | $x \leq 15$ |
| 2. | $2x + 5 > 9$ | $x > 2$ | 10. | $5 - x \leq -10$ | $x \geq 15$ |
| 3. | $9 > 2x + 5$ | $x < 2$ | 11. | $5 - 5x \leq -10$ | $x \geq 3$ |
| 4. | $10 > 2x + 5$ | $x < 2.5$ | 12. | $6 - 5x \leq -10$ | $x \geq 3.2$ |
| 5. | $10 \geq 2x + 5$ | $x \leq 2.5$ | 13. | $-5x + 6 \leq -10$ | $x \leq 3.2$ |
| 6. | $10 \geq 2x - 5$ | $x \leq 7.5$ | 14. | $-5x - 6 \leq -10$ | $x \geq 0.8$ |
| 7. | $2x - 5 \geq -10$ | $x \leq -2.5$ | 15. | $-5x - 6 \leq 10$ | $x \geq -3.2$ |
| 8. | $x - 5 \geq -10$ | $x \leq -5$ | 16. | $-10x - 6 \geq 10$ | $x \geq -1.6$ |