

- a) $3x - 5 > 5x + 7$
- b) $-x - 8 \leq 10$
- c) $4(x + 3) - 2x \geq x + 10$
- d) $(x - 1)^2 - 4x + 8 < 4 - 3(2x - 5)$
- e) $-2^6 \leq 4x - 12 < 16$
- f) $-4 \leq 2(3x + 1) \leq 14$
- g) $8 < 2 - 3x < 17$

- 1. $2x + 4 > 0$
- 2. $3x - 7 < 5$
- 3. $2 - x > 3$
- 4. $7 > 8x - 5$
- 5. $1 - 5x < -8$
- 6. $x - 3 < 3 - x$
- 7. $3x + 5 \geq 4x - 1$
- 8. $2x + 5 > 6x + 4$
- 9. $3x + 7 \geq 2x - 3$
- 10. $-4x + 9 < x - 1$
- 11. $3x - 1 \geq x - 3$
- 12. $3x - 1 \leq 2x + 1$

- 1. $x^2 - 10x + 21 \geq 0$
- 2. $x^2 - 5x + 4 \geq 0$
- 3. $2x^2 - 12x + 16 > 0$
- 4. $x^2 - 3x - 4 < 0$
- 5. $x^2 + 7 > 0$
- 6. $x^2 + 6x + 5 \leq 0$