

Name: _____

Date: _____

Solve like equations - but dividing or multiplying by a negative FLIPS the sign. Last two are challenge problems!

1. $x + 4 > 9$

show your work

2. $3x \leq 12$

show your work

3. $-2x < 10$

show your work

4. $2x + 1 \geq 7$

show your work

5. $5 - x > 2$

show your work

6. $3x - 4 < 2x + 6$

show your work

7. $-3 < x + 2 \leq 5$

show your work

8. $1 < 2x - 3 < 9$

show your work

9. $4(1 - x) \geq 2x - 8$

★ CHALLENGE

show your work

10. $-6 \leq 3(x - 2) < 9$

★ CHALLENGE

show your work