

Name _____

Date _____ Class _____

Practice with Inequalities

Graph on a number line.

1. $x = 5$

2. $x \leq 5$

3. $x > 6$

4. $x = 7$

Solve, graph the solution and check your work. (You must complete all 3 parts.)

5. $3x > 21$

6. $2x \leq 40$

7. $3x + 9 \leq 24$

8. $2x - 8 > 12$

9. $-2 > n + 5$

10. $\frac{x}{5} + 9 \leq 14$

11. $-3x - 4 > 2$

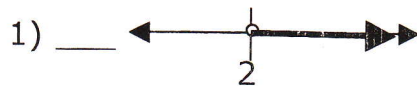
12. $6m - 32 > 40$

13. $3 - x < 2$

14. $-8 < 3x - 17$

15. $6 - 2x \geq 12$

Match the inequality with the correct graph.



A. $x \geq 2$



B. $x < 2$



C. $x = 2$



D. $x > 2$



E. $x \leq 2$



F. $x \neq 2$