Algebra Chapter 3 Practice Test 1

Put your answer in the blank to the left of the problem.
Show your work on a separate piece of paper.

_____ 1. Solve for n: $n - y = c$

_____ 2. Solve for n: $2n - b = x$

_____ 3. Solve for w: $A = l \cdot w$

_____ 4. Solve for h: $A = \dfrac{1}{2}bh$

_____ 5. Solve for n: $2n - 7h = 8x$

_____ 6. Solve for n: $2n - y - c + 3n = w$

_____ 7. Solve for x: $\dfrac{2}{3}x = 8$

_____ 8. Solve for x: $\dfrac{3}{4}x = \dfrac{5}{7}$

_____ 9. Solve for x: $\dfrac{2 + x}{7} = \dfrac{x - 2}{3}$

_____ 10. Solve for x: $\dfrac{4}{x - 1} = \dfrac{10}{x + 2}$

_____ 11. Solve for x: $\dfrac{2}{3}(6x - 9) = 2x + 10$

_____ 12. Solve for n: $5n + 3 > 3n - 14$

_____ 13. Solve for n: $-4n - 9 < n + 11$

_____ 14. Solve for n: $2(2n - 1) \le n + n - 12$

_____ 15. Solve for n: $n - n - n - n < -10 - 10$

_____ 16. Solve for n: $-18 < 12 - 5n$

_____ 17. Solve for n: $7n - 9 = 4n - 8 + 3n$

_____ 18. Solve for n: $6n - 9 - 3n - 1 = 10 - 20 + 3n$
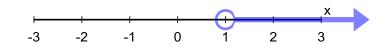
_____ 19. Solve for n: $7n - 9(n + 1) = n - 8 + 3n$

_____ 20. Solve for n: $5n - 2(n + 3) = 2n - 6$

_____ 21. Solve for n: $n - 9 = 4n - 8 - 3n - 1$

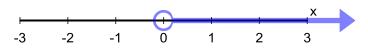Tell what is graphed. For example $x > 2$, $x \ge 2$, $x < 2$, $x \le 2$, etc.

_____ 22.

_____ 23.

_____ 24.

_____ 25.

_____ 26.