Algebra Chapter 3 Practice Test 2

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 + w = 8

______ 2. Solve for n: 2n - y = w

______ 3. Solve for w: $V = l \cdot w \cdot h$

_____4. Solve for n: an - w - y = x

______ 5. Solve for n: 5n - 3h = 7h

6. Solve for n: n - y - c + 6y + 3n = 22

______ 7. Solve for x: $\frac{1}{3}x = 4$

8. Solve for x: $\frac{2}{5}x = \frac{4}{5}$

9. Solve for x: $\frac{2+x}{3} = \frac{x+6}{5}$

______10. Solve for x: $\frac{4}{x-1} = \frac{10}{x+2}$

_____11. Solve for x: $\frac{2}{3}(9x-3) = 4x+6$

_____ 12. Solve for n: 5n + 9 > 3n - 14

_____ 13. Solve for n: -4n - 1 < n + 9

_____ 14. Solve for n: $3(3n-2) \le n + 6n - 12$

_____ 15. Solve for n: n-n-n-n < -4-10

16. Solve for n:

18<8-5n

______ 17.

Solve for n:

7n - 1 = 4n - 1 + 3n

Solve for n:

18.

6n - 9 - 3n - 2 = 10 - 20 + 3n

_____19.

Solve for n:

4(2n-1) - n - 4 = n + 6n + 8

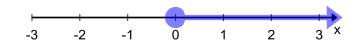
_____ 20.

Solve for n:

4n - 2(n + 2) = 2n - 6

Tell what is graphed. For example, x > 5, x < 5, $x \ge 5$, etc.

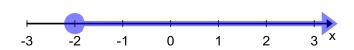
_____ 21.



_____22.



_____23.



24.



_____25.

