

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: $3(3n - 2) \leq n + 6n - 12$
- _____ 15. Solve for n: $n - n - n - n < -4 - 10$

- _____ 16. Solve for n: $18 < 8 - 5n$
- _____ 17. Solve for n: $7n - 1 = 4n - 1 + 3n$
- _____ 18. Solve for n: $6n - 9 - 3n - 2 = 10 - 20 + 3n$
- _____ 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, $x > 5$, $x < 5$, $x \geq 5$, $x \leq 5$, etc.

