

Guarantee Review

1. $8[4+(6-2)\cdot 3]+14\div 2$
2. $5x + 4y$ for $x = 3, y = 6$
3. $x^2 - y^2 + 2$ for $x = 4, y = 6$
4. $-4 - -5$
5. $27/-9$
6. $(-2x + 3y) + (6x + 4y)$
7. $(-3x + 4) - (2x + 2y)$
8. $\frac{14x+6}{2}$
9. $7x(3x + 4)$

Solve for x

10. $12x = 36$
11. $18 - x = 12$
12. $27 = -13 + 10x$
13. $5(x + 3) = 3(x - 3)$
14. $7x - 2(x + 6) = -2$
15. $\frac{6}{9} = \frac{30}{x}$
16. Find the equation for the line containing the pts (0,1) and (1,3)
17. Given a direct variation y is 5 when x is 12, find y when x is 36
18. Find the slope between pts. (5,3) and (3,4)
19. What is the slope of a vertical line?
Horizontal line?
20. Graph on a number line $x \leq 3$
21. Solve and graph: $3x - 16 > -14$
22. Solve and graph: $-3 < 2x + 5 \leq 15$
23. Solve (2 answers): $|x| = 7$
24. Solve (2 answers): $|4x + 4| = 12$

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