



Simplify
$$\frac{7}{2-\sqrt{3}}$$



Simplify $\sqrt{8} + \sqrt{10} - \sqrt{20}$ $\sqrt{4}\sqrt{3}$ $\sqrt{4}\sqrt{5}$ 252+50-25 $2\sqrt{2} + \sqrt{2}\sqrt{5} - 2\sqrt{5}$ $\sqrt{2}(2+\sqrt{5}) - 2\sqrt{5}$

25 + 5 - 2522-15





Solve $(x - 1)^2 = 25$ using square roots. Solve $(x + 3)^2 - 7 = 21$ using square roots. (X+3)⁻= 28 28 X+3 X+3=528 or X+3=-528 X=-3+528 or X=-3-528 $-3+2\sqrt{7} \text{ or } -3-2\sqrt{7}$ $-3\pm 2\sqrt{7}$







Graph $y = x^2 - 2x - 3$ Solve $x^2 - 2x - 3 = 0$. X=302 -1

Graph $y = X^2 + 2X + 1$ Solve $x^2 + 2x + 1 = 0$ $\chi = -1$



Solve $4x^2 - 13 = 15$ using square roots. Round the solutions to the nearest hundredth. Solve the equation using square roots. Round your solutions to the nearest hundredth.

7. $x^2 + 8 = 19$ **8.** $5x^2 - 2 = 0$ **9.** $3x^2 - 30 = 4$





