



Beberapa Masalah Rumus Rangkai Solusinya

L A B S E R V E S

1 EJ
 $-7x^2 + 14x + 21 = 0$
 $7(-x^2 + 2x + 3) = 0$
 $-x - 1 = 0$
 $x - 3 = 0$
 $7(-x-1)(x-3) = 0$
 $x = -1, 3$

EJ 2
 $2(x^2 - 7x + 12) = 0$
 $x - 4 = 0$
 $x - 3 = 0$
 $x = 4$
 $2(x-4)(x-3) = 0$
 $x = 4, 3$

EJ 3
 $7(-x^2 + 10) = 0$
 $7(-x^2 + 3^2) = 0$
 $7(3^2 - x^2) = 0$
 $7(3+x)(3-x) = 0$
 $x = -3, 3$

EJ 4
 $7 \pm \frac{\sqrt{(-7)^2 - 4(1 \cdot 4)}}{2 \cdot 1}$
 $x = \frac{7 \pm \sqrt{65}}{2}$
 $x = \frac{7 + \sqrt{65}}{2}, \frac{7 - \sqrt{65}}{2}$

EJ 5
 $2 \pm \frac{\sqrt{(-2)^2 - 4(1 \cdot 2)}}{2 \cdot 1}$
 $x = 1 \pm \sqrt{3}$
 $x = 1 + \sqrt{3}, 1 - \sqrt{3}$

EJ 6
 $x^2 = 0$
 $x \pm \frac{\sqrt{0}}{2}$
 $x = \frac{\sqrt{0} - \sqrt{0}}{2}$
 $x = \sqrt{0}, \sqrt{0}$

EJ 7
 $2x^2 - 10x + 10 = 0$
 $10 \pm \frac{\sqrt{(-10)^2 - 4(2 \cdot 10)}}{2 \cdot 2}$
 $x = \frac{5 \pm \sqrt{23}}{2}$