

BIG 10

SOLVING QUADRATIC EQUATIONS

Complete each problem. Cross off the answer in the box below.

If done correctly, you will have all 10 numbers crossed off with no repeats.

0 1 2 3 4 5 6 7 8 9

1. Cross off the largest solution of $x^2 + 2x = 24$.
2. Cross off the smallest solution of $x^2 - 11x + 24 = 0$.
3. Cross off the sum of the two solutions of $x^2 - 8x = 0$.
4. Cross off the sum of the two solutions of $x^2 - 8 = 7x$.
5. Cross off the largest solution of $x^2 = 22 - 9x$.
6. Cross off the largest solution of $x^2 + x + 4 = 4$.
7. Cross off the sum of the two solutions of $2x^2 - 12x = 80$.
8. Cross off the solution of $2x^2 - 20x = -50$.
9. Cross off the largest solution of $2x^2 - 17x - 9 = 0$.
10. Cross off the largest solution of $2x^2 - 5x - 14 = -17x$.