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| **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.

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| **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 $2x^{2}-5x-14=-17x$.