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| 1. Solve the following equations by **factoring**:
2. $2x^{2}=-6+8x$
3. $x^{2}+4=4x$
4. $x^{2}-64=0$
 | 1. Solve each equation using the **quadratic formula**:
2. $7x^{2}-31x-20=0$
3. $x^{2}+26=10x+8$

 1. $5p^{2}=p+18$
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| 1. Solve each of the following by **completing the square**:
2. $a^{2}+14a-51=0$
3. $x^{2}-12x+23=0$
4. $5h^{2}=60-20h$ \*\*In standard form, is $a=1$?\*\*
 | 1. Use the **discriminant** to determine the number and type of solutions of each quadratic, then solve for the solution.
2. $x^{2}+4=4x$
3. $x^{2}=-20-2x$
4. $x^{2}+6x-59=0$
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