

Solving Simple Equations

by *Jess H. Brewer*

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In each case, explain which *principles* you use:

1. Solve for x : $x - 5 = 2$

2. Solve for x : $2x + 3 = 7$

3. Solve for x : $x^2 - 5 = 4$

4. Solve for x : $x^2 = -1$

5. Solve for x : $x^2 - 2x = -1$

6. Solve for x : $2x^2 - 3x - 4 = 0$