<http://zapt.io/tnrk7k77>

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| What is the property that we are going to "make" happen? |  |
| What are we going to do to the left side of the equation? |  |
| What does a, b and c equal? |  |
| What is the first step? |  |
| What do we add to both sides of the equation? |  |
| When I take the square root of both sides, what property am I using? |  |
| What does it mean when you get a "domain error"? |  |
| What type of numbers do you get for answers when you have a negative number under the radical? |  |
| $$x^{2}+x-12=0$$What needs to move to the other side of the equal sign? |  |
| $$x^{2}+x-12=0$$What sign does c get when it moves to the other side of the equal sign? |  |
| $$x^{2}+x+( )^{ 2}=12+( )^{ 2}$$What do you add to both sides, inside of the parentheses? |  |
| $$x^{2}+x+\left( \right)^{ 2}=12+\left( \right)^{ 2}$$What is the value of b? |  |
| $$x^{2}+x+\left( \right)^{ 2}=12+\left( \right)^{ 2}$$What value is going inside the ( )? |  |
| $$\left( x+\\_\\_\right)^{ 2}=12+\left( \frac{1}{2}\right)^{ 2}$$What goes in the blank? |  |
| $$\left( x+\frac{1}{2}\right)^{ 2}=12+\left( \frac{1}{2}\right)^{ 2}$$What will the right hand side equal when you calculate? |  |
| $$\left( x+\frac{1}{2}\right)^{ 2}= \frac{49}{4}$$What is the next step? |  |
| $x+\frac{1}{2}=+\frac{7}{2}$ or$ x+\frac{1}{2}=\frac{7}{2}$What are the values of x? |  |