

Topic/task/ question/example	Notes/remarks/examples ...	I can do this 😊	I need to review this !!!
I can...			
... factor by inspection.			
... factor by grouping.			
... factor by applying the difference of squares formula.			
... factor by the greatest common factor.			
... factor by any combination of the above methods.			
... solve quadratic equations by factoring.			
... solve quadratic equations by the square root principal.			
... explain why taking a square root of a number gives two answers: the principal root and the negative root.			

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I can why a square root of a negative number is undefined.			
... solve quadratic equations using the quadratic formula.			
... rationalize the denominator.			
... find the value of the discriminant and relate it to the nature of possible solutions.			
... sketch a graph of a quadratic function that is related to a quadratic function that has exactly one real root.			
... sketch a graph of a quadratic function that is related to a quadratic function that has no real roots.			
... sketch a graph of a quadratic function that is related to a quadratic equation that has exactly two real solutions.			
... name at least two synonyms of the "solution" of a quadratic equation.			
... identify the real solutions of a quadratic equation given a graph of a quadratic function related to that equation.			
... honestly say I have done my best to prepare for the test.			