



Quadratic Formula - Equation and Discriminant Formula to Discriminant

1 What is the discriminant of this quadratic equation (use the discriminant formula)? $y = -3x^2 - 3x - 3$ discriminant formula: $\Delta = b^2 - 4ac$	A $\Delta = -27$ C $\Delta = 27$	B $\Delta = 0$	2 What is the discriminant of this quadratic equation (use the discriminant formula)? $y = -x^2 - x - 4$ discriminant formula: $\Delta = b^2 - 4ac$	A $\Delta = -15$ C $\Delta = 15$	B $\Delta = 0$				
3 What is the discriminant of this quadratic equation (use the discriminant formula)? $y = -x^2 - 3$ discriminant formula: $\Delta = b^2 - 4ac$	A $\Delta = -12$ C $\Delta = 12$	B $\Delta = 0$	4 What is the discriminant of this quadratic equation (use the discriminant formula)? $y = -3x^2 - 2$ discriminant formula: $\Delta = b^2 - 4ac$	A $\Delta = -24$ C $\Delta = 24$	B $\Delta = 0$				
5 What is the discriminant of this quadratic equation (use the discriminant formula)? $y = 2x^2 + 3$ discriminant formula: $\Delta = b^2 - 4ac$	A $\Delta = -24$ C $\Delta = 24$	B $\Delta = 0$	6 What is the discriminant of this quadratic equation (use the discriminant formula)? $y = x^2 + x + 2$ discriminant formula: $\Delta = b^2 - 4ac$ <table border="1" style="width: 100%;"> <tbody> <tr> <td>A $\Delta = -7$</td> <td>B $\Delta = 0$</td> </tr> <tr> <td>C $\Delta = 7$</td> <td></td> </tr> </tbody> </table>			A $\Delta = -7$	B $\Delta = 0$	C $\Delta = 7$	
A $\Delta = -7$	B $\Delta = 0$								
C $\Delta = 7$									
7 What is the discriminant of this quadratic equation (use the discriminant formula)? $y = 5x^2 + 4x + 2$ discriminant formula: $\Delta = b^2 - 4ac$	A $\Delta = -24$ C $\Delta = 24$	B $\Delta = 0$	8 What is the discriminant of this quadratic equation (use the discriminant formula)? $y = -5x^2 - 2x - 3$ discriminant formula: $\Delta = b^2 - 4ac$	A $\Delta = -56$ C $\Delta = 56$	B $\Delta = 0$				