

## mobius

## **Quadratic Discriminants - Equation to Has Real Roots**



1	Does this quadratic equation have one or more real roots?			Does this quadratic equation have one or more real roots?			
y =	$1.5x^2$ –	+2x + 0.67	y =	1.5 <i>x</i>	$^{2} + x$	c-1	
A	Yes	В	A	Yes No			
y=	one or m	dratic equation have nore real roots? $x^2-3x-1$	$egin{aligned} oldsymbol{4} \ y = x^2 \end{aligned}$	Does this quadratic equation have one or more real roots? $=x^2+x+4$			
A	Yes	B No			Yes	No	
y=	one or m	dratic equation have nore real roots? $-x+0.5$	Does this quadratic equation have one or more real roots? $y = -0.5x^2 + 2x + 3$				
A	Yes	B No	A	Yes	В	No	
$y = x^2$	$x^{2}$ – 4 $x$ + 4	Does this quadratic equation have one or more real roots?	y =	Does this quant one or many $1.5x^2$	ore real roots	?	

Yes

No

Yes

No