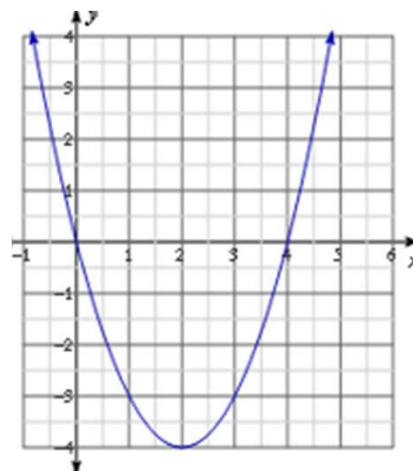
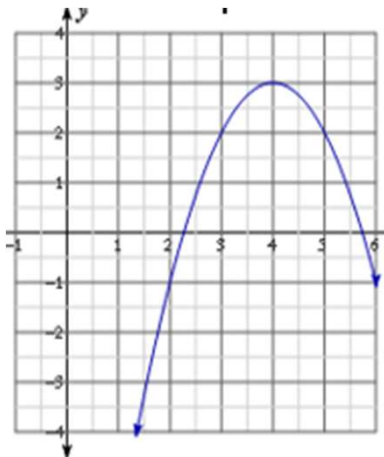
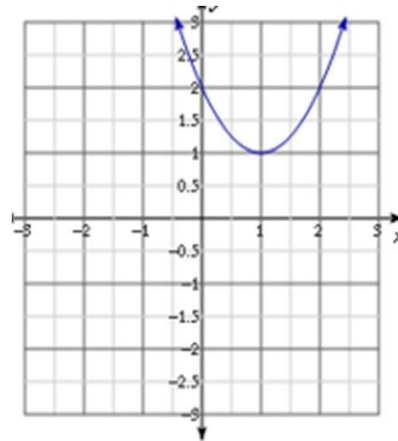
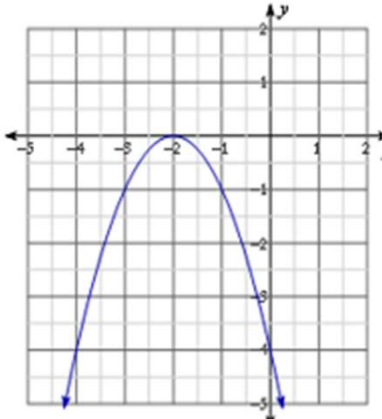


Discriminant

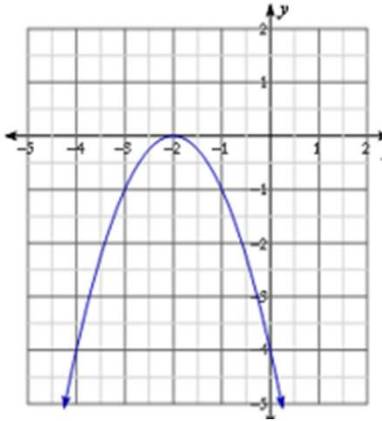
Based on the graph of each quadratic function, $y = f(x)$, determine the number of real solutions for each corresponding quadratic equation and whether the discriminant, D is < 0 , $= 0$ or > 0 .



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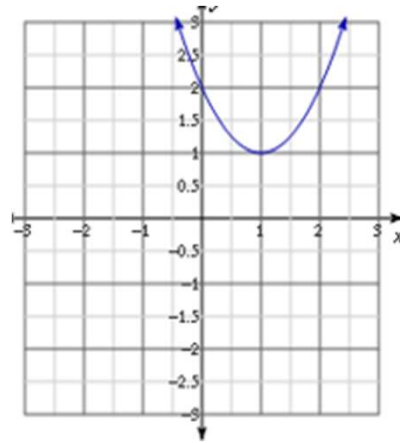
Discriminant

Based on the graph of each quadratic function, $y = f(x)$, determines the number of real solutions for each corresponding quadratic equation and whether the discriminant, D is < 0 , $= 0$ or > 0 .



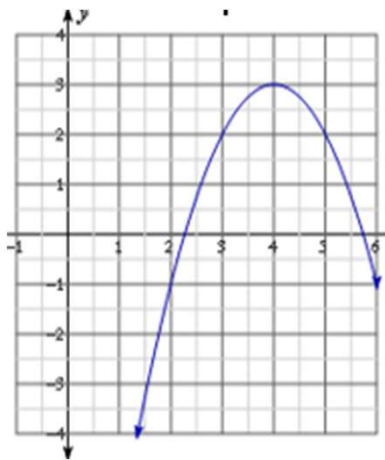
One real solution

$$D = 0$$



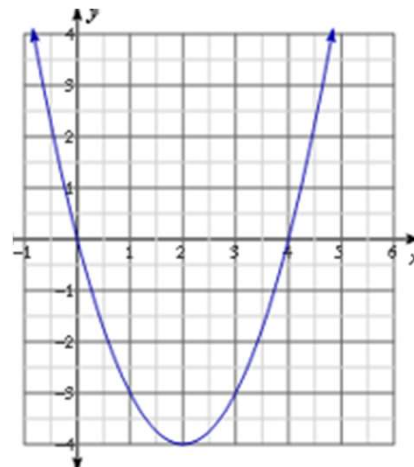
No real solutions

$$D < 0$$



Two real solutions

$$D > 0$$



One real solution

$$D = 0$$

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