

$$\left(\frac{x}{2} - x\right) = 0$$

$$x = \frac{b^2 - 4ac}{2a}$$

$$t = \sqrt{\frac{x - z}{a}}$$

1. First
2. Second
  - (a) Sub1
  - (b) Sub2
3. Third

$$\frac{3}{4}$$

The discriminant of a quadratic is  $b^2 - 4ac$ . If that discriminant is negative, then there are no real roots.