

Example 2 
$$3x^2 - x = 4$$
  
 $x = -(-1) \pm (-1)^2 - 4(3)^{-4}$   
 $x = -(-1) \pm (-1)^2 - 4(3)^{-4}$   
 $x = 1 \pm (1+48) = x = 1 \pm (-7)^4 - 1 \pm 7^2 - 6$   
 $\frac{1+7}{6} + \frac{1-7}{6} - \frac{1-7}{6}$   
 $\frac{1+7}{6} + \frac{1-7}{6} - \frac{1-7}{6}$   
 $8 = 4 - \frac{-6}{5} - 1$   
 $x = (-1)^4 - \frac{1-7}{6}$