

1. Solve quadratic equations using the quadratic formula  $x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$ .

a)  $2x^2 + 5x + 2 = 0$

b)  $3x^2 - 7x + 2 = 0$

c)  $2x^2 - 3x - 5 = 0$

d)  $5x^2 + 14x - 3 = 0$

e)  $4x^2 + 5x + 1 = 0$

f)  $6x^2 - 5x + 1 = 0$

g)  $3x^2 = 10x + 8$

h)  $2x^2 + x = 15$

i)  $16x^2 = 9$

j)  $3x^2 - x = 10$

k)  $5x^2 + 13x = 6$

l)  $8x^2 + 3 = 14x$