

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