

Number:

Textbook Section:

Title:

The quadratic formula

Discriminant

Solve using the quadratic formula.

1.  $2x^2 - 5x - 3 = 0$

2.  $3w(w + 2) = 5$

3.  $12x - 5 = 9x^2$

4.  $\frac{1}{4}m^2 - m + \frac{1}{2} = 0$

5. Solve  $A = 2\pi r^2 + 2\pi rh$  for  $r$ .