

NAME:

DATE:

A2.Q2.BERMELLEEMBO: QUADRATIC FORMULA REVISITED

**DAY EQ4
(EQUATIONS)**

NOTES

QUADRATIC FORMULA: $x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$

1. GIVEN:

A. Find the value of the discriminant.

B. Use the value of the discriminant to determine the number of type of solutions.

C. Solve the given quadratic formula equation using the quadratic formula. Express your final answer in simplified form (no decimals).

QUADRATIC FORMULA: $x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$

2. GIVEN:

A. Find the value of the discriminant.

B. Use the value of the discriminant to determine the number of type of solutions.

C. Solve the given quadratic formula equation using the quadratic formula. Express your final answer in simplified form (no decimals).

QUADRATIC FORMULA: $x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$

3. GIVEN:

A. Find the value of the discriminant.

B. Use the value of the discriminant to determine the number of type of solutions.

C. Solve the given quadratic formula equation using the quadratic formula. Express your final answer in simplified form (no decimals).