

Algebra 1
Discriminant - Pairs Check Worksheet

DIRECTIONS: Each of you needs to pick one side to complete. If your partner is having difficulty on the problem, you will also need to help them. You may also ask for help from me. After your partner has completed their side, you will need to then check each other's work. YOU NEED TO FIND THE DISCRIMINATE, STATE THE TYPE OF SOLUTIONS, THEN SOLVE USING THE QUADRATIC FORMULA.

Name: _____

1. $3x^2 - 2x + 6 = 0$

2. $4x^2 + 24x + 36 = 0$

3. $2x^2 - 4x - 30 = 0$

Name: _____

4. $4x^2 + x + 3 = 0$

5. $3x^2 - 24x + 48 = 0$

6. $2x^2 + 2x - 40 = 0$