

Find the discriminant of each:

1. $x^2 - 4x + 4 = 0$

2. $x^2 + 6 = 0$

3. $x^2 + 8x + 13 = 0$

4. $7x^2 - 10x - 5 = 0$

Write what type of solutions each quadratics equation would have.

5. $2x^2 - 10x + 3 = 0$

6. $5x^2 - 3x + 2 = 0$

7. $x^2 - 6x + 4 = 0$

8. $x^2 - 4x + 4 = 0$

Solve each quadratic equation: Be careful of negatives!!

9. $5x^2 - 3x - 2 = 0$

10. $-3x^2 - 7x + 4 = 0$

11. $2x^2 - 4x + 2 = 0$

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

13. $-2x^2 - 3x - 4 = 0$

14. $-x^2 + 6x - 12 = 0$

