

Algebra 2 Trig Quadratic Formula HW 4.6 Part II

Complete for each of the following:

- a) Find the value of the discriminant
- b) Based on a) describe the number and type of roots
- c) Solve each for the exact answer using quadratic formula

21. $2x^2 + 3x - 3 = 0$

24. $6x^2 - x - 5 = 0$

25. $3x^2 - 3x + 8 = 0$

31. $x^2 + 2x - 4 = -9$

Solve #25 and #31 above by completing the square:

25a.

31a.