

NAME: _____

P.I. A2.A.24: Know and apply the technique of completing the square

1. Solve by completing the square: $x^2 + 2x - 3 = 0$

2. Solve by completing the square: $x^2 - 2x - 3 = 0$

3. Solve by completing the square:
 $x^2 - 2x - 24 = 0$

4. Solve by completing the square:
 $x^2 + 6x - 16 = 0$

5. Solve by completing the square:
 $x^2 + 2x - 15 = 0$

6. Solve by completing the square.
 $-10x = 5x^2 - 1$

7. Solve by completing the square.
 $7x = 3x^2 - 1$

8. Solve by completing the square.
 $8x = 3x^2 - 2$

9. Solve by completing the square.
 $-9x = 4x^2 - 1$

10. Solve by completing the square.
 $-10x = 5x^2 - 1$