

MAC1105 College Algebra
1.4 Practice Problems

Solve the quadratic equation by factoring.

1. $x^2+3x-40=0$

2. $10x^2+7x-12=0$

3. $x^2-16=0$

Solve the quadratic equation using the square root method.

4. $9x^2=25$

5. $(x-2)^2-9=0$

Solve the quadratic equation by completing the square.

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

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

8. $2x^2 - 4x - 5 = 0$

Solve the quadratic equation using the quadratic formula.

9. $3x^2 - 4x - 9 = 0$

10. $2x^2 + x + 6 = 0$