

Solve each by factoring.

1. $6x^2 - 28 = 2x$

2. $8x^2 + 12x = 0$

Solve each using square roots.

Leave non-integer answers in simplified radical form.

3. $7x^2 + 11 = 39$

4. $2x^2 + 40 = 8$

5. $3x^2 - 2 = 70$