

Algebra 2: Homework 13

In 1 – 4, factor completely.

1. $9x^2 - 25$

2. $9x^2 + 25x + 16$

3. $9x^2 + 24x + 16$

4. $2x^2 - 26x + 72$

In 5 – 7, solve for x .

5. $x^2 - 4x + 3 = 0$

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

7. $2x^2 - 9x - 18 = 0$

8. State the solution set and graph the solution set on a number line:
 $|4x + 2| < 10$