

# Homework

p. 305: 46 - 51

For the following problems, also write their answers in interval notation.

**SOLVING ALGEBRAICALLY** Solve the inequality algebraically.

46.  $4x^2 < 25$

47.  $x^2 + 10x + 9 < 0$

48.  $x^2 - 11x \geq -28$

49.  $3x^2 - 13x > 10$

50.  $2x^2 - 5x - 3 \leq 0$

51.  $4x^2 + 8x - 21 \geq 0$