

**Algebra I**  
5-8  
Backwards FOIL

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Common Math Instructions

Solve -

Simplify -

Factor -

Evaluate -

Rules of Signs for Backwards FOIL

1)  $ax^2 + bx + c \longrightarrow ( \quad )( \quad )$

3)  $ax^2 + bx - c \longrightarrow ( \quad )( \quad )$

2)  $ax^2 - bx + c \longrightarrow ( \quad )( \quad )$

4)  $ax^2 - bx - c \longrightarrow ( \quad )( \quad )$

Factor.

1)  $y + 5y - 6$

Set equal to zero and solve.

1)  $y + 5y - 6 = 0$

23)  $p^2 - 16pq - 36q^2$

29)  $1 + 11pq - 80p^2q^2$

33)  $-380 + x + x^2$

Assignment:  
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2-34 even.  
When done, set  
**10, 12, and 14**  
equal to zero and  
solve.