

Algebra I
⁵⁻⁷
Backwards FOIL

Simplify.

Factor.

*) $(x + 5)(x - 3)$

Rules of Signs

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

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

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

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

Factor.

1) $x^2 + 5x + 4$

15) $42 - 23k + k^2$

*) $x^2 + 12x + 28$

31) $y^2 + 20yz + 91z^2$

Set equal to zero and solve.

1) $x^2 + 5x + 4 = 0$

Assignment

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2-36 even,

in addition to the above,
redo 2-10 with instructions
set equal to zero and solve.