

# Algebra I

5-12

## Solving Equations by Factoring

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If  $a \cdot b = 0$ , what must be true?

Solve. (pg 232)

1)  $(y + 5)(y - 7) = 0$

3)  $15n(n + 15) = 0$

7)  $3x(2x + 1)(2x + 5) = 0$

9)  $y^2 - 3y + 2 = 0$

13)  $m^2 - 36 = 16m$

17)  $y^2 = 16y$

Assignment: pg 232. 2-48 even
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19)  $4x^2 - 9 = 0$

43)  $(z + 1)(z - 5) = 16$