

# Algebra I

2-5

## The Distributive Property

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### Distributive Property -

Why is the distributive property important?

Simplify. (pg 67)

1)  $8(30 + 1)$

9)  $4(9.5)$

13)  $30 \cdot 18 + 70 \cdot 18$

For each expression, write an equivalent expression without parentheses.

25)  $3(x + 2)$

35)  $(2x + 3y)5$

Simplify.

43)  $2a + b + 5a + 3b$

55)  $2 + (x + 3)5$

61)  $9(a + b) + 4(3a + 2b)$

\*)  $3 - 2(3x - 4)$

Assignment: The Classic 2-5 pg 67 2-66 even
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