

Solving Equations with more than One Variable

Example 1: Solve the following:

a)  $2x + 5 = 6 + x$

b)  $7 - 5x = 2x - 14$

Solving Equations with Brackets

Review: Expand the following.

a)  $3(x + 2)$

b)  $5(-x + 1)$

c)  $-4(k - 1)$

Example 1: Solve the following and check:

a)  $2(x + 9) = 16$

1

2

3

Check:

Example 2: Solve the following equations:

a)  $4(k - 3) = 6 - (2k - 6)$

b)  $2(x + 7) = 4$

c)  $3(2x - 1) - 2(x + 1) = 5$

Homework: Textbook:

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#4 (check not required!)