**CL 3-114.** Rewrite each of these products as a sum.

1. 6*x*(2*x* + *y* − 5)
2. (2*x* − 11)(*x* + 4)
3. (7*x*)(2*xy*)
4. (*x* − 2)(3 + x)
*

**CL 3-115.**Find the missing areas and dimensions for each generic rectangle below.  Then write each area as a sum and as a product.

1. 
2. 

**CL 3-116.**  For each equation below, solve for *x*.

1. 2*x* − 5(*x* + 4) = −2(*x* + 3)
2. (*x* − 1)(*x* + 7) = (*x* + 1)(*x* − 3)
3. 

*

**CL 3-117.** For each equation below, solve for *y*.

* 1. 6*x* − 2*y* = 4
1. 3*y* = 4*x* − 2*y* + 10
*

**CL 3-118.** Simplify each expression.

1. (5*x*3)2
2. 
3. 2*m*3*n*2· 3*mn*4
*