## Section 8.3 Extra Practice

1. Check each of the following.

**a)** 
$$3(x - 5) = 18$$
, if  $x = 4$ 

**b)** 0.2(x + 3) = 1.4, if x = 11

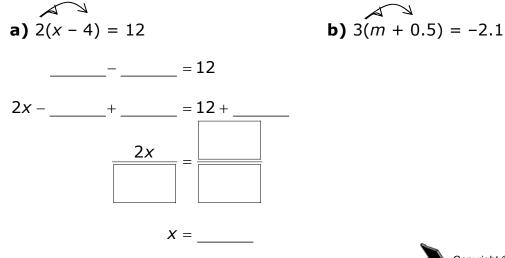
Check:		Check:	
Left Side	Right Side	Left Side	Right Side
3( <i>x</i> -5)	18		
= 3( 5)			
= 3()			
=			

Left side \_\_\_\_\_\_ right side.Left side \_\_\_\_\_\_ right side.(equals or does not equal)(equals or does not equal)

**2.** Circle the error. Then, solve the equation correctly.

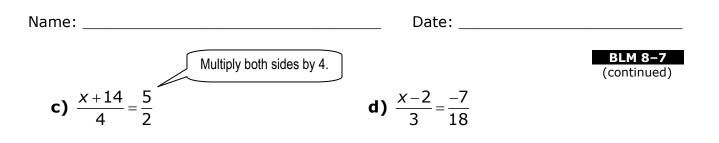
0.4(x + 2.2) = 5.4 0.4 x + 2.2 = 5.4 0.4 x = 3.2x = 8

**3.** Solve each of the following.

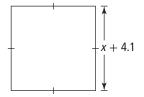


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**4.** The perimeter of a square is 49.2 cm. The side length of the square is represented by the expression (x + 4.1) cm. What is the value of x?



Perimeter = number of sides  $\times$  length of each side

