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**3-48.** For the entire rectangle at right, find the area of each part and then find the area of the whole.



**3-49.** Write the area of the rectangle at right as a *product* and as a *sum*.

**3-50.** When solving  =  for *x*, Nathan noticed that *x* is divided by 6.

* 1. What can he do to both sides of the equation to get *x* alone?
	2. Solve for *x*.  Then check your solution in the original equation.

= 

* 1. Use the same process to solve this equation for *x*:  = .

**3-51.** Girl wants to play a game called “Guess My Line.”  She gives you the following hints:  “Two points on my line are (1, 1) and (2, 4)."

1. What is the slope of her line?  A graph of the line may help.
2. What is the *y*-intercept of her line?
3. What is the equation of her line?