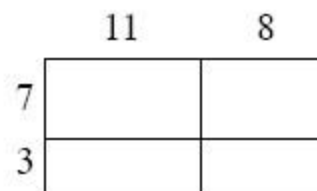
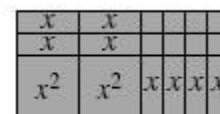




3-48. For the entire rectangle at right, find the area of each part and then find the area of the whole.



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



3-50. When solving $\frac{x}{6} = \frac{5}{2}$ for x , Nathan noticed that x is divided by 6.

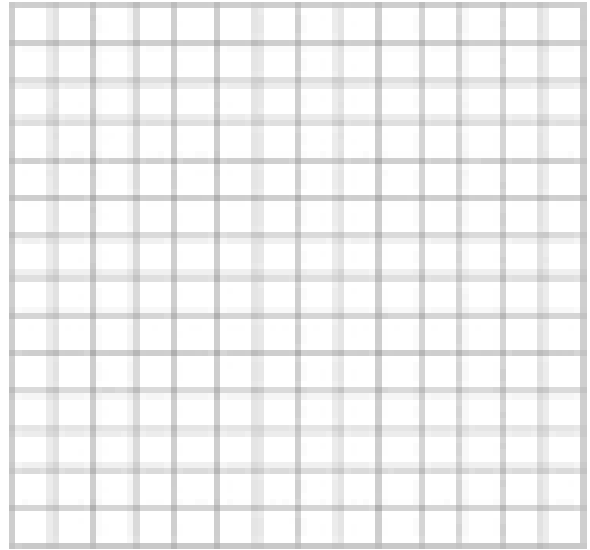
a. What can he do to both sides of the equation to get x alone?

b. Solve for x . Then check your solution in the original equation.

c. Use the same process to solve this equation for x : $\frac{x}{10} = \frac{2}{5}$.

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 $(2, 4)$.”

- a. What is the slope of her line? A graph of the line may help.



- b. What is the y-intercept of her line?

- c. What is the equation of her line?