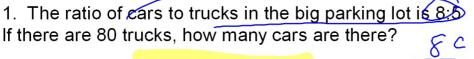
## Solve each problem with a proportion.



2. Use the same information from #1. If there are a total of 325 vehicles in the lot, how many trucks are there?

3. The carpenter can make 16 birdhouse in 5 days. At the same rate how many birdhouses can be made in 27.5 days?

4. Ariel can swim 11 laps in 4 minutes. At the same rate find the amount of time it will take her to swim 25 laps.

$$\frac{\|\text{Laps}\|}{\text{4min}} = \frac{2.5 \text{Laps}}{\text{X min}} \qquad \chi = 9.09 \text{ min}$$

5. The scale on a map is 3 in: 40 mi. If two cities are 5 inches apart on the map how far apart are they in real life?

$$\frac{3in}{40mi} = \frac{5in}{xmi} \quad \chi = 66e.67mi$$

6. The scale on a drawing of an insect is 1.5 in = 8 mm. If the drawing of the insect is 7 inches long how long is the actual insect?