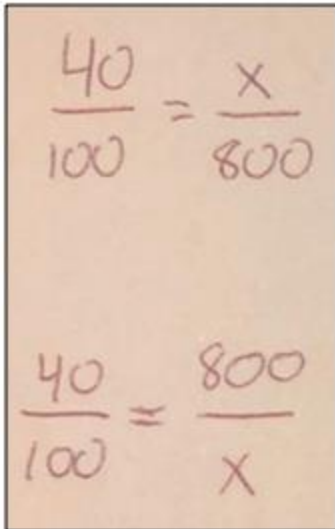


Using bar models (tape diagrams, Singapore strips) with percents – Example: Suong spends 40% of her monthly income on rent. Her rent is \$800. How much does she make per month?



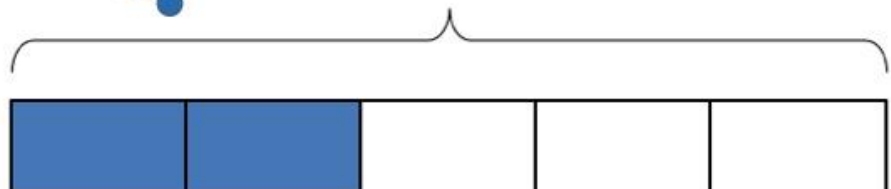
Handwritten equations on a piece of paper:

$$\frac{40}{100} = \frac{x}{800}$$
$$\frac{40}{100} = \frac{800}{x}$$

Let's see. Am I looking for the part? The whole? I think I have to change the percent to a decimal and then put it over 100 . . . I think. But then what?

Hmmm. Do I have to find the part or whole? Let me visualize the problem so I can clearly see what I'm looking for. . . now I see that \$800 is 2 out of 5 parts (or 40%) of all of Suong's income. I can figure out her entire income now in different ways.

Suong's total monthly income or 100%



What she spends on rent: \$800 or 40%