A large pizza at Palanzio’s Pizzeria costs $6.80 plus $0.90 for each topping. The cost of a large cheese pizza at Guido’s Pizza is $7.30 plus $0.65 for each topping. How many toppings need to be added to a large cheese pizza from Palanzio’s Pizzeria and Guido’s Pizza in order for the pizzas to cost the same, not including tax?

$$y=6.80+0.90x$$

$$y=7.30+ 0.65x$$

Solve with Table



Graph:

It costs Jenn $60 to make books. The $60 is a fixed cost or a cost that cannot change. To help the publishing company sell the books, a marketing company charges $5 for each book sold. If Jenn charges $10 per book, how many books should they sell to break even?

Define variables:

Equations:

Solve with Table



Graph: