Problems to Solve
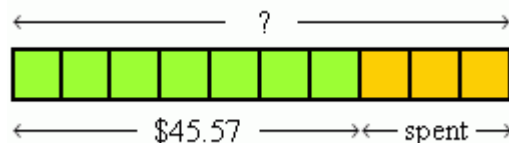
> *John spent 3/10 of his money and had $45.57 left. How much did John have initially?*
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> Remember, it is easy to solve this type of problem by drawing a bar model:
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> Simply divide $45.57 by seven to get 1/10 of John's initial money. Then multiply that number by 10, and you get how much he had in the beginning:
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> $45.57 ÷ 7 = $6.51. Then, 10 × $6.51 = $65.10. John had $65.10 initially.

1. Amy cut off 2/9 of a board. The remaining piece was 4.67 m long.

   a. How long was the board originally?

   b. How long was the piece she cut off?

2. The price of a bouquet of tulips is 3/4 of the price of a bouquet of roses. The bouquet of tulips costs $15.60.

   a. How much does a bouquet of roses cost?

   b. Find the total price of buying two bouquets of tulips and three of roses.

3. Brenda and Lily shared the cost of a $11.70 lunch so that Brenda paid two times as much as Lily. Find their shares.

   (Hint: Draw a bar model.)