

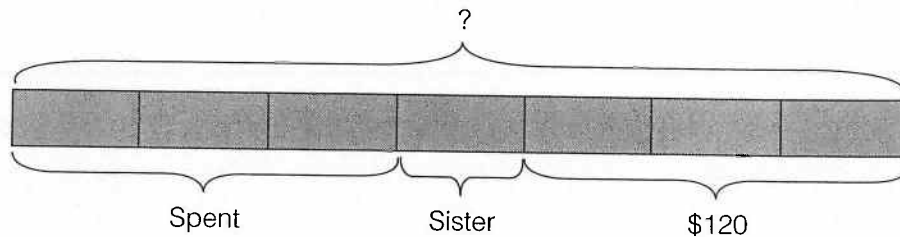
Name \_\_\_\_\_

# Question 1

Alex spent  $\frac{3}{7}$  of his money. He gave  $\frac{1}{4}$  of the remainder to his sister. He had \$120 left. How much money did he have in the beginning?

*Answer:* \_\_\_\_\_

# Solution to Question 1



Since 3 equal parts are \$120,

Use the dividing-with-regrouping method.

$$\$120 \div 3 = \$40$$

$$\begin{array}{r} 40 \\ 3 \overline{) 120} \\ \underline{-12} \phantom{0} \\ 0 \\ \underline{-0} \\ 0 \end{array}$$

each part is \$40.

Use the multiplying-without-regrouping method.

$$\$40 \times 7 = \$280$$

$$\begin{array}{r} 40 \\ \times \phantom{0} 7 \\ \hline 280 \end{array}$$

He had **\$280** in the beginning.

Answer:           **\$280**