

Example 7

Alejandro owes \$156 to a friend. He wants to pay back the money in one year using equal monthly payments. How much will he pay each month to his friend?

12 months in a year.

$$\begin{aligned} \$ 156 \div 12 \\ = \$ 13 \text{ each month} \end{aligned}$$

Example 8

A submarine took 16 minutes to dive 96 meters. Depth is commonly expressed as a negative (-96 m). How many meters were covered by the submarine per minute?

$$\begin{aligned} -96 \div 16 \\ = -6 \text{ metres per minute} \end{aligned}$$

Example 9

There are 125 people going on a shopping trip to Minneapolis. The tour company that is taking them has small buses that can fit 25 people on each bus. How many buses will the tour company require in order to take all of the people to Minneapolis?

$$\begin{aligned} 125 \div 25 \\ = 5 \text{ buses} \end{aligned}$$