

Math in the animal kingdom! Use multiplication to solve the following problems. Add or subtract when necessary. Show your work.

Mario walks his dog every day. The walk path makes a giant loop that is 279 feet long. If Mario and his dog make 3 laps around the loop, how far do they walk?

$$279 \times 3 = 837$$

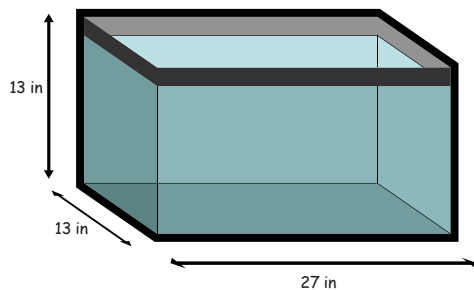
They walk 837 feet long.

Racquel buys a small aquarium for her fish collection. The fish tank is 27 inches wide, 13 inches tall, and 13 inches deep. What is the maximum volume of water the aquarium can hold? This problem requires two multiplication steps. Does the order of operations matter? Remember,

Volume = Length x Width x Height.

$$\begin{aligned} \text{Volume} &= 27 \times 13 \times 13 \\ &= 4,563 \text{ cubic inches} \end{aligned}$$

Order of operation does not matter.



Josefina's cat, Whiskers, climbed into a tree and was too scared to come down. Her dad climbed up a ladder to bring down Whiskers. If Josefina's dad had to climb up 15 ladder steps and the steps are 32 centimeters apart, how high up did Whiskers go?

$$15 \times 32 = 480$$

Whiskers went up 480 cms.

Julie is teaching her parrot, Romeo, how to say new words. If she teaches him 11 words each month, how many words will Romeo learn in a year?

$$11 \times 12 = 132$$

Romeo will learn 132 words in a year.

