

Wild Word Problems: Division

5th Grade

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

Rocky walks his dog Fido 4 times around the block. If they walked a total of 1,144 feet, how long is it to go around the block once?

$$\begin{array}{r} 286 \\ 4 \overline{)1,144} \\ \underline{-8} \\ 34 \\ \underline{-32} \\ 24 \\ \underline{-24} \\ 0 \end{array}$$

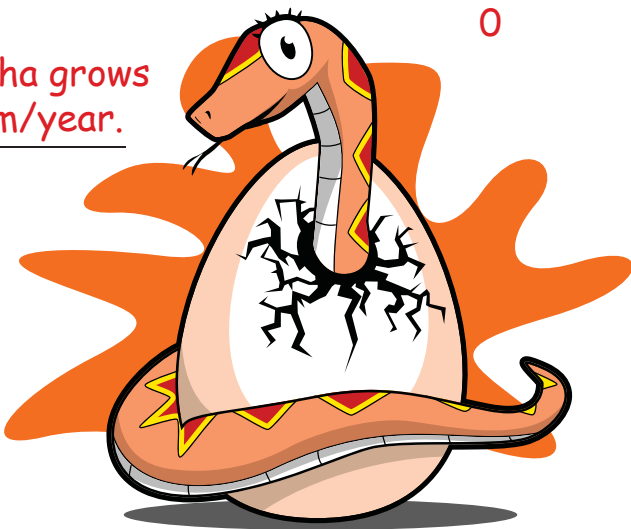
It takes 286 feet to go around the block once.

Agatha the snake is only 50 centimeters long. 3 years from now she will be 152 centimeters long and fully grown. If Agatha grows at a constant rate, how much does she grow in length each year?

$$152 - 50 = 102$$

$$\begin{array}{r} 34 \\ 3 \overline{)102} \\ \underline{-9} \\ 12 \\ \underline{-12} \\ 0 \end{array}$$

Agatha grows 34 cm/year.



Speedy the hamster gets his exercise by running in his wheel. After running for 3 minutes the wheel made 315 revolutions. How many revolutions did it make each minute?

$$\begin{array}{r} 105 \\ 3 \overline{)315} \\ \underline{-3} \\ 015 \\ \underline{-15} \\ 0 \end{array}$$

The wheel made 105 revolutions per minute.

Rosemary lives on a farm where she milks cows. After one week she got a total of 504 gallons of milk from 9 cows. If each cow produces an equal amount of milk, how much milk did she get from each cow?

$$\begin{array}{r} 56 \\ 9 \overline{)504} \\ \underline{-45} \\ 54 \\ \underline{-54} \\ 0 \end{array}$$

Each cow produces 56 gallons of milk.

Jupiter the Border Collie is herding sheep. At one point, the herd is divided into four equal groups. If there are 572 sheep in the herd altogether, how many has Jupiter split up into each group?

$$\begin{array}{r} 143 \\ 4 \overline{)572} \\ \underline{-4} \\ 17 \\ \underline{-16} \\ 12 \\ \underline{-12} \\ 0 \end{array}$$

There are 143 sheep in each of the four groups.