



Unit 4 Lesson 3: Insectivores

Bat Challenge Brain Teaser

Handout 2 Answer Key

How many mosquitoes does a little brown bat eat during one summer?

Clues:

- There are 90 days to a summer.
- A mosquito weighs 2 milligrams.
- A bat eats 4 grams of insects in one night.
- There are 1,000 milligrams per gram.

1. 4 grams = 4,000 milligrams
2. Divide this by the weight of 1 mosquito
(4000 divided by 2 = 2000)
3. 2000 mosquitoes get devoured each night and
there are 90 nights (2000 x 90 = 180,000)
4. 180,000 mosquitoes get eaten by one little
brown bat during the summer

