



Problem Solving: Multi-step Problems

CA Standards
MR 1.2, NS 2.8

Contrary to their name, most anteaters eat other insects than just ants. There are 3 main kinds of anteaters and most of them live in South and Central American rain forests. Solve each problem about anteaters and their relatives.

1. The smallest anteater is the silky anteater. It is 1 foot long. The largest anteater is the giant anteater. It is 6 times as long as the silky anteater. What is the difference in these two anteaters' lengths?

2. The giant anteater's tail is $\frac{1}{2}$ foot less than half its total length. How long is its tail?

3. The collared anteater is 4 times as long as the silky anteater. Its tail is half its length. How long is the collared anteater's tail?

4. The giant armadillo is a relative of the anteater. It weighs about 15 pounds. The giant anteater weighs 5 times as much. What is the combined weight of the giant armadillo and the giant anteater?

5. The sloth is another relative of the anteater. It also lives in South and Central America, but eats mostly plants. The sloth grows to a length of about 60 centimeters. There are 2.5 centimeters in an inch and 12 inches in a foot. How many feet long is a sloth?

6. The aardvark is not related to the anteater, but it also lives on a diet of ants and termites. The aardvark weighs as much as 2 giant anteaters, minus 10 pounds. How much does an aardvark weigh?
