Math Problem of the Week #14
Due Friday, February 11th, 2011

Hello Animal Explorers,

This month we'll be traveling to Europe. Many of Europe's animals are similar to animals you would find here, so this week we're going to take a look at the European rabbit. Many people already know that rabbit mommies and daddies have a lot of baby bunnies. A mother and father rabbit can have a litter of 2 to 12 bunnies about every 2 months, and those bunnies are grown-up and ready to have their own bunnies when they're 3 months old. That can add up to a lot of baby bunnies in a short time!

1. If a mother and father rabbit have 8 bunnies every 2 months, How many bunnies will they have in a year?

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2. Let's imagine that 4 of the 8 bunnies, in each of the litters in question 1 were Does (girls). If these daughters had their first set of bunnies when they were 4 months old, and then kept having litters every 2 months, and this happened with their daughters and their granddaughters, **How many rabbits would there be at the end of the year?** (Don't forget to add the bunnies you counted for question number one.)

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Safari Lottery #14
Circle either the grown-up rabbit or the baby bunny .
Whichever is picked the least will earn 🐾 .