Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Chocolate Math HELP!

The Hershey Chocolate Factory is going berserk! They have lost part of the recipe for making chocolate! They have some of the information, but they need YOUR help to figure out the rest! See if you can solve the following problems to help the chocolate factory get back on track. GOOD LUCK!

1. A Cacao tree grows approximately 30 pods a year. Each cacao pod contains about 40 cocoa beans. How many cocoa beans does each tree produce every year? \_\_\_\_\_\_\_\_\_\_\_\_\_ beans

2. Round your answer from number 1 to the nearest thousand. \_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. If it takes approximately 500 cocoa beans to produce 1 pound of chocolate, how many pounds of chocolate can each Cacao tree produce in 1 year? \_\_\_\_\_\_\_\_\_\_\_\_\_\_ pounds

4. How many Cacao trees would you need to make 40 pounds of chocolate? \_\_\_\_\_\_\_\_\_\_\_\_\_\_ trees

5. An average milk chocolate bar weighs about 1.5 ounces. There are 16 ounces in a pound. How many chocolate bars can be made with one pound of chocolate? \_\_\_\_\_\_\_\_\_\_\_\_\_\_ bars

6. How many chocolate bars can be made from 35 pounds of chocolate? \_\_\_\_\_\_\_\_\_\_\_\_\_\_ bars

Thanks for your help! The mystery has been solved!