**5th Grade H.P.E.**

Total Score:

**Homework # 6, Trimester 3 Due April 29, 2014**

**Name: Class: .**

**Look at the accompanying food label and use it to answer the following questions:**

**Part 1**

1. How much food is one half (1/2) of one serving size?........... .

Show your work:

1. How many calories are in 2 servings of this food?............... .

Show your work:

1. How many calories are in ½ of one serving?......................... .

Show your work:

1. How much total fat are in 2 servings of this food?.............. .

Show your work:

1. If you are allowed 2,820mg of sodium per day,

then how many servings of this food can you eat?.............. .

Show your work:

1. How many calories are in one container (in the whole box)? .

Show your work:

1. How many grams of total carbohydrate

are in one container (in the whole box)?............................... .

Show your work:

1. How many grams of protein are in one container

(in the whole box)?................................................................. .

Show your work:

1. How many milligrams of sodium are in one container

 (in the whole box)?................................................................ .

Show your work:

10.How many milligrams of cholesterol are in one container

 (in the whole box)?................................................................. .

Total Score:

Show your work:

**Part 2**

Look at the chart below and determine how to compare Pretzel Sticks to Entenmann’s Crumb Cakes. Round your answer the nearest whole number.

|  |  |  |
| --- | --- | --- |
| Foods | Pretzel Rods (30 grams) | Crumb Cake (60 grams) |
| Calories | 120 | 260 |
| Sodium | 290 mg | 240 mg |
| Total Carbohydrates | 24 grams | 34 grams |
| Sugars | 1 g | 19 g |

1. First find out how much more the Crumb Cake is?

60 ÷ 30 = \_\_\_\_\_\_\_\_\_. (round to the nearest 2 decimals or 100th)

 (show your work here)

1. Now take this number and multiply with Pretzel Rods.
	1. Calories 120 x \_\_\_\_\_\_\_\_\_\_\_ = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 (round to the nearest calorie)

* 1. Sodium 290 x \_\_\_\_\_\_\_\_\_\_ = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 (round to the nearest milligram)

* 1. Sugars 1 x \_\_\_\_\_\_\_\_\_\_\_ = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 (round to the nearest gram)

1. What is the difference in Calories? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. What is the difference in Sodium? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. What is the difference in Sugars? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Total: