

Especially Tough Math Problems!

Birdie works at a bakery with Gus. Birdie does all of the baking. Gus is the professional taster and he runs the cash register. To make sure Birdie's cookies are perfect, Gus tastes $\frac{1}{8}$ of each batch. Birdie bakes one batch of each type of cookie each day, and there are 32 cookies per batch. Check out the table below for more information.



Cookie Type	Weight	Price per cookie
Chocolate chip	2.5 ounces	\$1.25
Oatmeal raisin	3 ounces	\$1.50
Peanut butter pickle	2 ounces	\$1.00

Problems to test your mind. Show all work!

1. How many ounces of cookie does Gus taste for a batch of chocolate chip cookies?
2. How many ounces of cookie does Gus taste for a batch of oatmeal raisin cookies?
3. Exactly how many cookies from each batch does Gus eat?
4. If Gus didn't eat the sample peanut butter cookies, and sold them instead, how much more money would the bakery make per day?
5. The bakery is open 6 days per week and Birdie bakes each day that it's open. How many cookies does she bake per week?