

## And the Question Is... ?

We already know that the answer to  $364 \div 5$  is 72 with the remainder of 4. (If you are not convinced, calculate it yourself.)

Write a word problem for which  $364 \div 5$  is the appropriate computation and the answer to the problem is 72. Then, write another word problem for which  $364 \div 5$  is the appropriate computation, but this time, the answer to the problem is 73.

---

### *Discussion, Suggestions, Possible Solutions*

*Many division problems require students to think about how to deal with the remainder. In some situations, the answer to the problem is just the quotient ignoring the remainder, while in other situations, the answer must be 1 more than the quotient. For example, the answer to this problem,*

There are 364 candies. If you give 5 candies to each person, how many people can receive 5 candies?

*is 72, the quotient. However, the answer to this problem,*

There are 364 pounds of sugar. If you want to put all of it away in 5-pound containers, how many containers do you need?

*must be 73 since you want to put away all of the sugar.*