

Name \_\_\_\_\_

Date \_\_\_\_\_



## Estimating Decimal Products

Directions: Look at the multiplication expression and the question about the expression. Answer "more than" or "less than" and give a reason without solving the multiplication problem.

1. Consider the expression  $1.85 \times 3.4$ .  
Will the answer be more or less than 10? Why?

I think the answer will be \_\_\_\_\_ 10 because \_\_\_\_\_  
\_\_\_\_\_. I know that 1.85 is close to \_\_\_\_\_  
and 3.4 is close to \_\_\_\_\_. When I multiply the whole numbers \_\_\_\_\_, the product  
is \_\_\_\_\_.

2. Consider the expression  $9.23 \times 10.401$ .  
Will the answer be more or less than 80? Why?

I think the answer will be \_\_\_\_\_ 80 because \_\_\_\_\_  
\_\_\_\_\_. I know that 9.23 is close to \_\_\_\_\_  
and 10.401 is close to \_\_\_\_\_. When I multiply the whole numbers \_\_\_\_\_, the  
product is \_\_\_\_\_.

3. Consider the expression  $5.03 \times 6.9$ .  
Will the answer be more or less than 31? Why?

I think the answer will be \_\_\_\_\_ 31 because \_\_\_\_\_  
\_\_\_\_\_. I know that 5.03 is close to \_\_\_\_\_  
and 6.9 is close to \_\_\_\_\_. When I multiply the whole numbers \_\_\_\_\_, the product  
is \_\_\_\_\_.