Using a Charge Account

EXAMPLE Ryan has bought supplies for her floral shop on her credit card. She owes
$330.00. The minimum payment due is $40.00. Ryan decides to pay
$80.00. That is more than her minimum so that she can pay it off faster.
Ryan's interest charge per month is 0.9% of the unpaid balance. How
much will she owe next month if she makes no new purchases?

Step 1 Subtract the payment
from the balance to
find unpaid balance.

$330 Balance
− 80 Payment
$250 New Balance

Step 2 Find the interest on
the unpaid balance.

$250
× .009
$2.25

Step 3 Add the interest to
the unpaid balance
to the new balance.

$250.00
+ 2.25
$252.25

Ryan now owes $252.25 on her charge account.

Directions Find the interest and new balance on these charge accounts.

	Balance	**Payment**	**Unpaid Balance**	**Interest Rate per Month**	**Interest**	**New Balance**
1.	$100.00	$20		1.2%		
2.	$1,020.00	$100		1.5%		
3.	$450.00	$45		1.6%		
4.	$825.00	$85		0.9%		
5.	$56.00	$2.80		1.4%		
6.	$143.00	$7.15		1.5%		
7.	$253.00	$12.65		1.6%		
8.	$167.00	$8.35		2.0%		
9.	$52.70	$2.64		1.8%		
10.	$152.89	$7.64		1.5%		
11.	$376.14	$18.81		1.3%		
12.	$985.09	$49.25		1.5%		
13.	$552.17	$27.61		1.6%		
14.	$682.34	$34.12		1.8%		
15.	$710.02	$35.50		0.9%		

Consumer Mathematics