

LESSON
3-4**Applications of Percent****Practice and Problem Solving: D**

Complete the table to find the amount of sales tax to the nearest whole cent. The first one has been done for you.

1.

Sale Amount	5% Sales Tax
\$50	$0.05 \times \$50 = 2.5 = \2.50
\$120	
\$480	
\$2,240	
\$12,500	

Complete the table. The first one has been done for you.

2.

Principal	Rate	Time	Interest Earned
\$400	5%	2 years	\$40
\$950	10%	5 years	
\$50	4%	1 year	
\$1,000	8%	2 years	

Write the correct answer. The first one has been done for you.

3. Karl just had a birthday. Karl's age is now 50% of his uncle's age. Karl's uncle is 32 years old. How old is Karl?

$0.5 \times 32 = 16$, Karl is 16 years old.

4. The cost of Jacquie's gym membership is \$20 per month. Jacquie gets a 10% discount of the monthly cost in any month in which she refers a friend who also becomes a member. How much does Jacquie save in a month when one of her friends joins the gym?
-

5. Yesterday Tyler ate lunch at his local diner. The bill for his meal came to \$8.40, not including sales tax. Tyler wants to leave a 15% tip for his waiter. How much should his tip be?
-