

Name _____ Date _____

Function Tables and Money

CA Standards
KEY AF 2.1, AF 2.0

A function table shows how two sets of numbers are related. Use it to find the function rule that tells you what to do to the input to get the output and complete the function table.

Theo sold the same amount of raffle tickets for the school carnival for 4 weeks in a row. How many dollars worth of raffle tickets did he sell at the end of 4 weeks?

Input (Number of Weeks)	Output (Total Amount Sold)
Week 1	\$9.00
Week 2	\$18.00
Week 3	\$27.00

$$1 \times \$9.00 = \$9.00$$

$$2 \times \$9.00 = \$18.00$$

$$3 \times \$9.00 = \$27.00$$

Step 1 Find the relationship between the input and output. What is the function rule? *The rule is to multiply by \$9.00.*

Step 2 Use the relationship to solve the problem. $4 \times \$9.00 = \36.00

Solution: Theo sold \$36.00 worth of raffle tickets at the end of 4 weeks.

1. Rule: _____

Input	Output
\$9.10	\$10.60
\$5.64	
\$15.72	\$17.22
\$37.29	

2. Rule: _____

Input	Output
\$7.88	
\$9.45	\$4.95
\$8.23	
\$7.67	\$3.17

3. Rule: _____

Input (Hours)	Output (Pay Per Hour)
1	\$7.00
2	
3	\$21.00
4	

4. What would the output be if the input were 6 hours? _____



Writing Math What other function can you perform to find the answers for Problem 3? Explain.
