



Function Tables Homework Practice

Complete each function table.

1.

Input (x)	$x + 6$	Output (y)
0		
3		
7		

2.

Input (x)	$x - 1$	Output (y)
1		
4		
8		

3.

Input (x)	$3x + 2$	Output (y)
0		
2		
4		

4.

Input (x)	$x \div 2$	Output (y)
4		
8		
10		

Find the input for each function table.

5.

Input (x)	$x \div 4$	Output (y)
		1
		2
		4

6.

Input (x)	$x \div 2$	Output (y)
		1
		3
		5

7.

Input (x)	$x - 3$	Output (y)
		0
		2
		3
		5
		8

8.

Input (x)	$3x + 3$	Output (y)
		3
		6
		9
		12
		15

9. **FOOD** A pizza place sells pizzas for \$7 each plus a \$4 delivery charge per order. If Pat orders 3 pizzas to be delivered, what will be his total cost?

10. **MOVIES** A store sells used DVDs for \$8 each and used videotapes for \$6 each. The function rule $8d + 6v$ can be used to represent the total selling price of DVDs d and videotapes v . Then use the function rule to find the price of 5 DVDs and 3 videotapes.

1. DRAGONS The Luck Dragons that live in the Enchanted Forest weigh $4x$ pounds when they are x years old. Make a table of values to show the weights of 6-year-old, 8-year-old, and 10-year-old Luck Dragons.

Input (x)	$4x$	Output (y)
6		
8		
10		

2. ROLLER COASTER Twelve people are able to ride the Serpent of Fire roller coaster at one time. The rule $12x$ is the total number of people that ride after x rides. Make a table of values to show the total number of people that have been on the roller coaster after 1, 2, 3, and 4 rides.

Input (x)	$12x$	Output (y)

3. MOVIES At a local movie theater, it costs each student \$5 to see a movie. The rule $5x$ represents the total amount of money the theater collects from x students. Make a table of values to show the total amount of money the theater collects from 2, 5, and 6 students.

Input (x)		Output (y)

4. RABBITS The Friendly Critters Pet Store keeps 3 rabbits in each cage. The rule $3x$ represents the number of rabbits that x cages can hold. Make a table of values to show how many cages it takes to hold 9, 15, and 18 rabbits.

Input (x)		Output (y)

5. BEADS A bead shop sells glass beads for \$7 each minus a \$2 discount. The rule $7x - 2$, where x is the number of glass beads, can be used to find the total cost of x beads. Make a table of values to show how much it costs to buy 5, 6, and 9 glass beads.

Input (x)		Output (y)

6. Use the rule given in Exercise 5 to find the selling price of 15 glass beads.