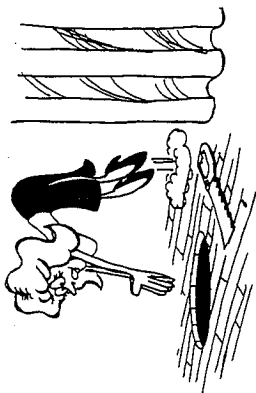


# Why Did the Actress Cut a Hole in the Theater Floor and Dive Through?



Complete the table for each function. Find each answer at the bottom of the page and write the corresponding letter above it.

1

$y = x + 5$	
x	y
2	
15	
99	

T H A

2

$y = x - 8$	
x	y
50	
24	
9	

S O E

3

$y = 4x$	
x	y
16	
45	
2.5	

N G U

4

$y = \frac{x}{2}$	
x	y
24	
9	
0	

H E T

5

$y = 3x + 2$	
x	y
4	
18	
0	
1.5	

A I U S

6

$y = 8x - 5$	
x	y
3	
4.5	
10	
7.2	

J G A S

7

$y = 30 - 2x$	
x	y
6	
1	
7.5	
0	

H W G T

8

$y = x^2 + 1$	
x	y
5	
7	
12	
20	

S O R G

6.5	20	4.5	28	14	42	19	10	52.6	7	15	50	56	64	31	30	12	145	16	2	180	18	104	26	0	75	401	1
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**Problem-Solving Practice****TEKS 5.5(A), 5.6***Function Tables*

1. Isaiah earns \$4 for every dog he walks. Write a function table that can be used to find how much money he will make after walking 6, 8, and 10 dogs.
2. Twelve people are able to ride the Serpent of Fire roller coaster at one time. Write a function table that shows the total number of people that have been on the roller coaster after 1, 2, 3, and 4 rides.
3. At the local movie theater it costs \$10.00 for 2 students to see a movie. It costs \$15.00 for 3 students, and it costs \$20.00 for 4 students. Let the number of students be the input. What is the function rule that relates the number of students to the cost of tickets?
4. At Elmwood Middle School, sixth graders spend 1 hour every night doing homework. Seventh graders spend 2 hours, and eighth graders spend 3 hours. Let the students' grade be the input. What is the function rule between the students' grade and the amount of time the students spend on homework every night?
5. A bead shop sells glass beads for \$7 each. Write a function rule to represent the total selling price of  $g$  glass beads.
6. Use the function rule in Exercise 5 to find the selling price of 10, 11, or 12 glass beads.