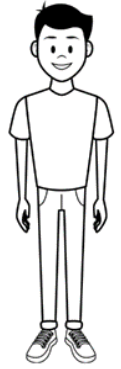


Name \_\_\_\_\_

## Is it Fair to Trick Kids?

### A thinkLaw Math Lab



#### What Would Joe Schmo Do?

Today we are going to think about Joe Schmo. Joe always falls for the trick answer. Joe does not read the directions carefully. Joe does not complete all the steps in a problem. We are going to think about the mistakes Joe may make on a math test.

#### Question 1



Janette has 12 cages in her pet store. Each cage can hold 6 guinea pigs. The store has 18 guinea pigs in its cages. What is the greatest number of guinea pigs Janette can add to her cages?

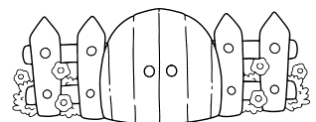
If we surveyed 100 students in our school and asked them, "What mistake would Joe Schmo make on this question?", what would be the #1 response?	
1	
2	
3	

Use these top three mistakes to write a multiple-choice question. Be sure to also include the correct response.

Janette has 12 cages in her pet store. Each cage can hold 6 guinea pigs. The store has 18 guinea pigs in its cages. What is the greatest number of guinea pigs Janette can add to her cages?	
A	
B	
C	
D	

#### Question 2

Gus built a fence around his rectangular garden. The perimeter of the garden is 28 feet. The length of the garden is 6 feet. What is the width of the garden in feet?



If we surveyed 100 students in our school and asked them "What mistake would Joe Schmo make on this question?", what would be the #1 response?

1	
2	
3	

Use these top three mistakes to write a multiple-choice question. Be sure to also include the correct response.

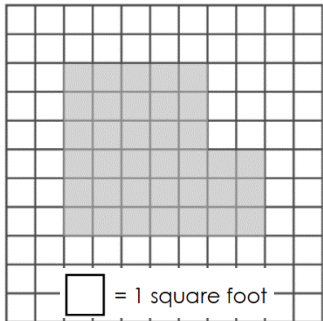
Gus built a fence around his rectangular garden. The perimeter of the garden is 28 feet. The length of the garden is 6 feet. What is the width of the garden in feet?

A	
B	
C	
D	

**Question 3**

The shaded figure on the grid represents the ceiling of a house.  
What is the area of the ceiling in square feet?

If we surveyed 100 students in our school and asked them "What mistake would Joe Schmo make on this question?", what would be the #1 response?



1	
2	
3	

Use these top three mistakes to write a multiple-choice question. Be sure to also include the correct response.

The shaded figure on the grid represents the ceiling of a house. What is the area of the ceiling in square in square feet?

A	
B	
C	
D	