Name:	Date:
-------	-------

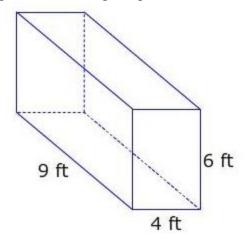
## The World's Most Boring Sculpture

Jake was visiting a local art museum when he noticed they were having a contest:

## How big is the world's most boring sculpture?!

Anyone who can correctly determine the **surface area** of the world's most boring sculpture will win a \$25 gift card to the museum's souvenir shop. (*Full work must be shown!*)

The world's most boring sculpture is a rectangular prism, and is shown in the diagram below:



Jake wanted to win the gift card, so he entered the contest. Here is what Jake submitted:

To calculate the surface area, I need to determine the area of each face. Since each face is a rectangle, I multiply length xwidth.

9.6 = 54

9.4 = 36

6.4 = 24

The surface area is 114 square ft.

The contest officials need to determine whether Jake qualifies for a \$25 gift card, and they want your advice. Write an argument for the officials stating whether you agree or disagree with Jake, and why. Be sure to include supporting evidence.

I	agree /	disagree	(circle one) with Jake because