

Name: _____

Class: _____

Date: _____

Period: _____

Benchmark #2 – Exit Slip

Answer the following questions as thoroughly as you can. Then, as you leave class, turn your Exit Slip into the appropriate basket.

A zoo keeper is asked to order a holding cage for the lion to stay in while they clean the lion's exhibit. The zoo keeper knows that the lion must fit in a cage that has a height of $4\frac{1}{2}$ feet and a width of 4 feet. What other tools and information does the zoo keeper need in order to determine the volume of the lion's holding cage?

Now, calculate the area of the given side of the cage. Be sure to show your work.

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