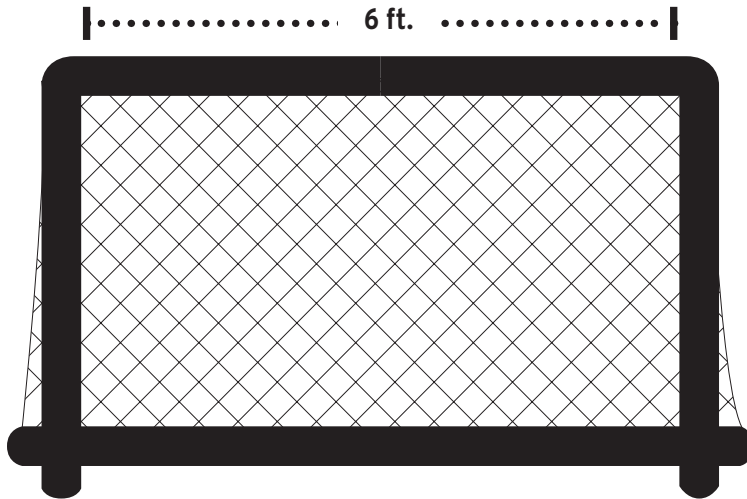


# GOAL



## DO THE MATH

*Answer the questions below using the information above.  
Use the blank area on the right for your calculations.*

1. What is the area of the goal in square feet?

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2. What is the area of the goal in square inches?

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**\*Hint: Convert the height and width to inches first. 1 foot = 12 inches**

3. What is the circumference of the puck?

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**\*Hint: Circumference =  $2\pi r$**

4. What is the volume of the puck?

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**\*Hint: Volume =  $\pi r^2 h$**

5. If a goalie faces 15 shots every period, how many shots does he face in a game?

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**\*Hint: 3 periods = 1 game**