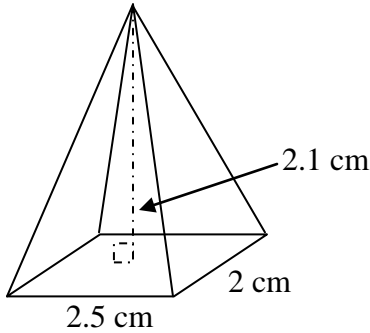


## TASK 6: Volume and Cost of the Cereal

Directions: Find the volume of each one of these types of cereal. Then, based on each type of cereal's cost, choose the one type that is the least expensive to fill up your cereal box.

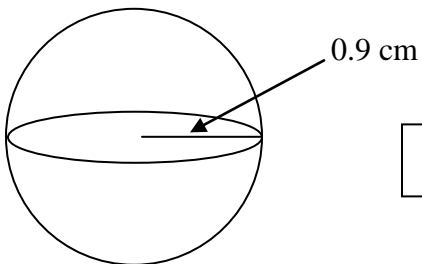


Cost per piece = \$0.005

$$V = \underline{\hspace{2cm}}$$

Total cost to fill your cereal box with this cereal

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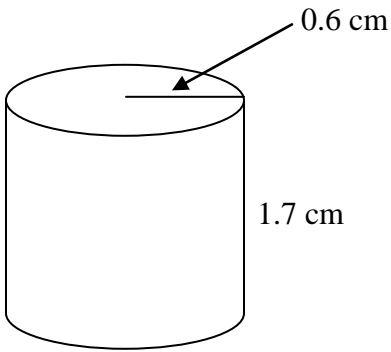


Cost per piece = \$0.004

$$V = \underline{\hspace{2cm}}$$

Total cost to fill your cereal box with this cereal

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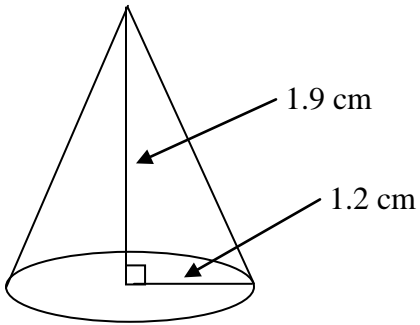


Cost per piece = \$0.003

$V =$  \_\_\_\_\_

Total cost to fill your cereal box with this cereal

\_\_\_\_\_



Cost per piece = \$0.004

$V =$  \_\_\_\_\_

Total cost to fill your cereal box with this cereal

\_\_\_\_\_

**Which shape cereal did you calculate to be the most cost effective?**