

#  <br> Volume of Prisms and Cylinders 



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## Volume of Prisms and Cylinders Zen Math

Directions: Find the volume of each prism or cylinder below. Round your answer to the nearest hundredth if necessary. Then, find the space on the abstract picture below that matches your answer and fill that space with the given pattern. Show your work on a separate sheet of paper.

$\qquad$ Date $\qquad$
9.
11. A gardener grows herbs in a planter shaped like a trapezoidal prism. The planter's base is 10 inches long with a parallel top 12 inches long. It is 6 inches tall and measures 4 inches wide.
How many cubic inches of soil will the planter hold?
$\qquad$ Date $\qquad$

$\qquad$ Date $\qquad$

## Volume of Prisms and Cylinders Zen Math—Answer Key

Directions: Find the volume of each prism or cylinder below. Round your answer to the nearest hundredth if necessary. Then, find the space on the abstract picture below that matches your answer and fill that space with the given pattern. Show your work on a separate sheet of paper.

$\qquad$ Date $\qquad$

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A gardener grows herbs in a planter shaped like a trapezoidal prism. The planter's base is 10 inches long with a parallel top 12 inches long. It is 6 inches tall and measures 4 inches wide.
How many cubic inches of soil will the planter hold?
$\qquad$
264 in $^{3}$
$\qquad$ Date $\qquad$


