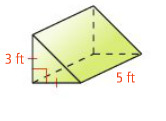
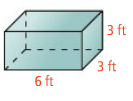
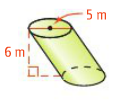
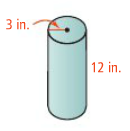
|  |  |
| --- | --- |
| **Key Concept** | **Notes** |
| Volume formulas | Rectangular Prism Cube Prism (any shape base)  http://www.calculatoredge.com/images/area_prism.jpg  V = V = V = |
| Problem 1 | What is the volume of the rectangular prism? |
| Problem 2 | What is the volume of the triangular prism? Round your answer to the nearest tenth. |
| Volume of a Cylinder |  |
| Problem 3 | What is the volume of the cylinder in terms of π? |
| Problem 4 | What is the approximate volume of the bullnose aquarium to the nearest cubic inch? |

APPLICATION

What is the volume of each figure? If necessary, round to the nearest tenth. Leave answers in terms of π for cylinders.

1.  2.



3.  4.