

Space Geometry

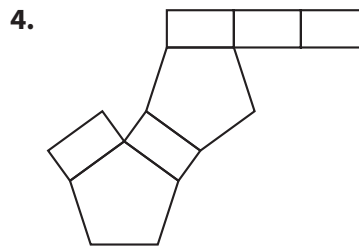
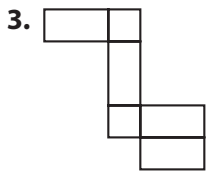
Name _____ Period _____ Date _____

For Exercises 1 and 2, draw each figure.

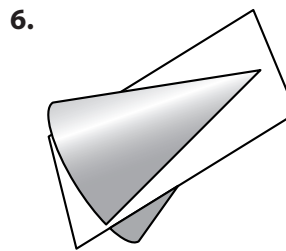
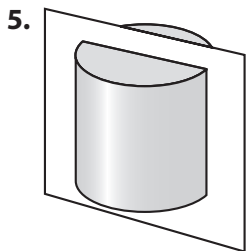
1. A prism with a rectangular base.

2. A cylinder with base diameter greater than height.

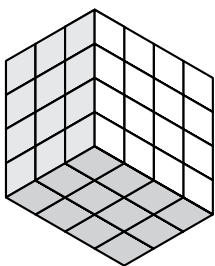
For Exercises 3 and 4, sketch the three-dimensional figure formed by folding each net into a solid. Name the solid.



For Exercises 5 and 6, sketch the section formed when each solid is sliced by the plane as shown.



7. The prism below is built with 1-cm cubes. How many cubes are completely hidden from sight, as seen from this angle?



8. Find the lengths of x and y .

