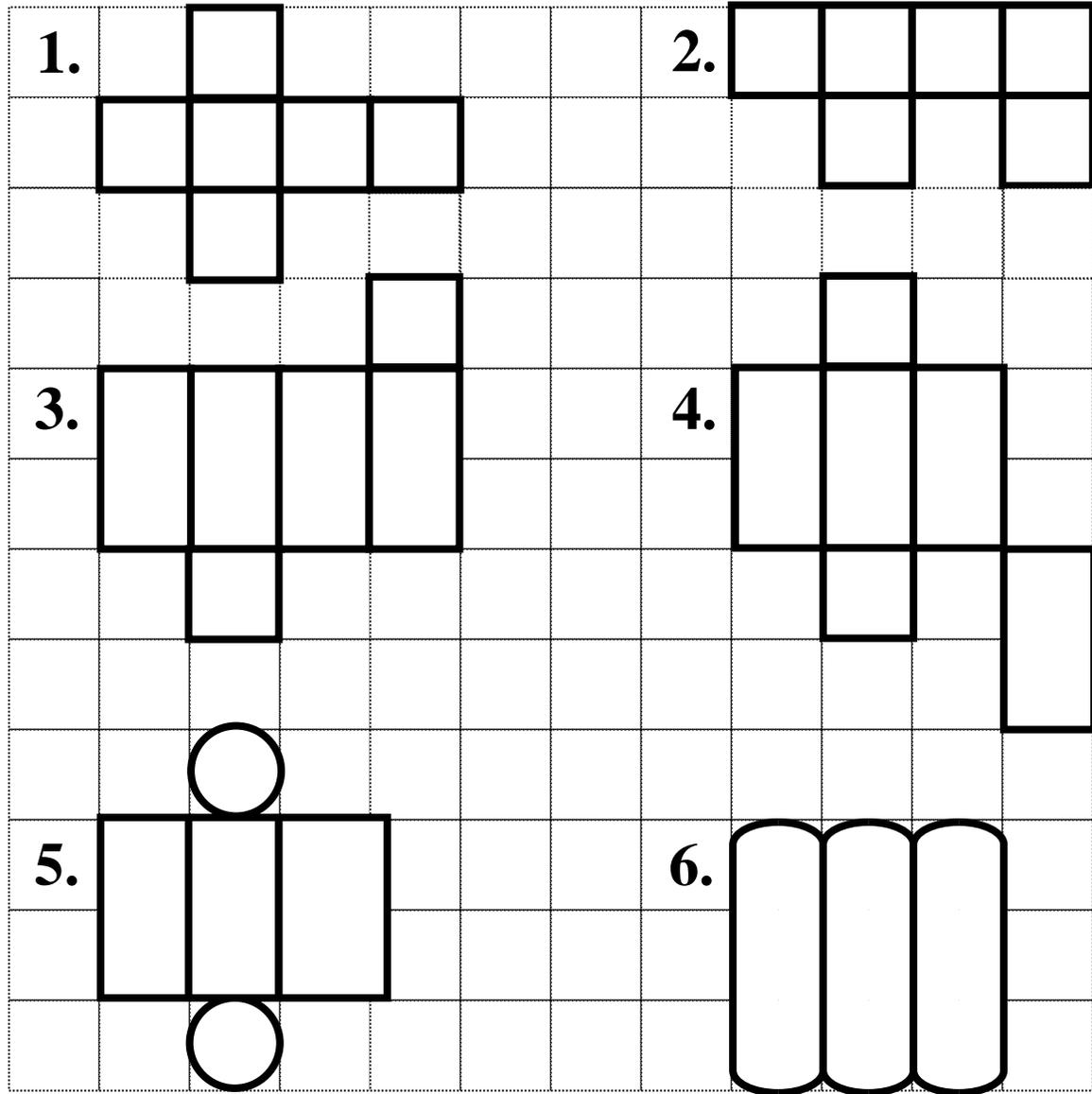


Prisms: Areas and Volume

Warm-up



The nets above could be a net for a cube, a cylinder, or a rectangular prism. Write the correct name of the solid beside the net that could be folded into one of these solids. Some of these nets can not be folded into any of these solids. Explain what would need to change in order for these nets to become a net for a cube or cylinder or a rectangular prism.

7. Think about some other nets for cubes, cylinders, or rectangular prisms. Draw them.
8. If you are not sure if one of these nets is for a cube, cylinder, or rectangular prism, cut it out and try to fold it into one of these solids.

Prisms: Areas and Volume

- Answers:
1. Cube
 2. None
 3. Rectangular prism
 4. None (be sure that students understand that it cannot be "twisted" to create a solid)
 5. Cylinder (note that one of the sides is a little more than one unit wide, so a total of about 3.14)
 6. None
 7. Check student drawings