**Ch. 9 Geomcast Topic: Solids of Revolution**

A solid is formed by rotating the rectangle with vertices (0, 3), (4, 3), (0, 0) and (4, 0) about the x axis.

A) What type of shape is formed? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

B) What is the resulting Surface Area of this solid in terms of pi? Answer:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*Show all calculations in a labeled, organized fashion*.

