**Practice B**

**Surface Area**

Find the surface area \( S \) of each prism.

1. \( s = 10 \text{ in.} \)

2.

Find the surface area \( S \) of each pyramid.

3. \( 12 \text{ m} \)

4. \( 16 \text{ m} \)

Find the surface area \( S \) of each cylinder. Use 3.14 for \( \pi \).

5. \( 7 \text{ cm} \)

6. \( 4 \text{ in.} \)

7. Why can you find an exact surface area measurement for a prism and pyramid but not for a cylinder?

8. The surface area of a rectangular prism is 48 square feet. The area of its front is 4 square feet, and the area of one side is 10 square feet. What is the area of the top of the prism?