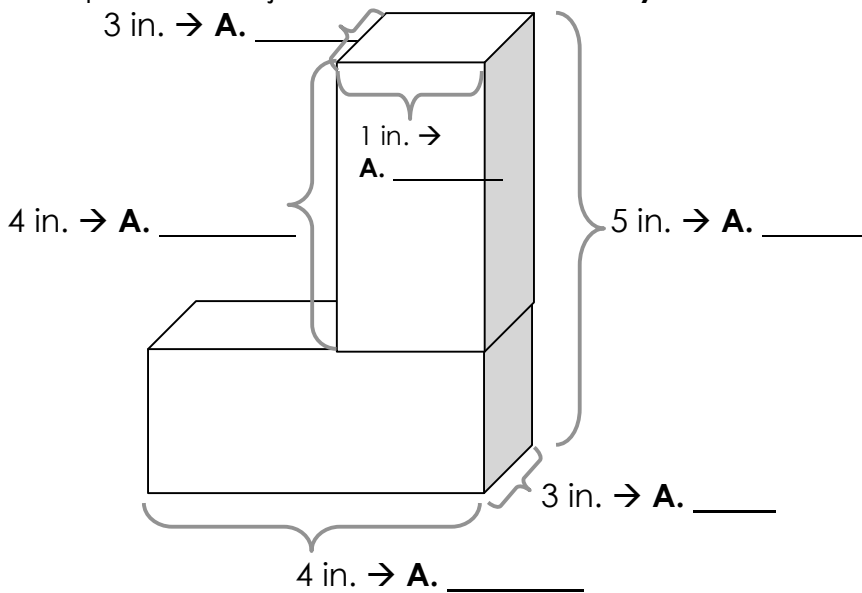




## REVIEW FOR MINI-QUIZ #2: ORTHOGRAPHIC DRAWING, SCALE, AND VOLUME

**INSTRUCTIONS:** Follow these steps:

- A. Write the object's measurements to a **scale of 1:4**. Do not round.
- B. Draw the object orthographically, on graph paper. The sides must be **aligned**. Label each side with its **dimensions** and with **F, Bk, T, Bot, L, or R**.
- C. Compute the object's surface area. **Show all your work and include units.**
- D. Compute the object's volume. **Show all your work and include units.**



B. Do this on the graph paper.

C. Surface Area:

TOP:

BOTTOM:

LEFT:

RIGHT:

FRONT:

BACK:

**TOTAL:** \_\_\_\_\_

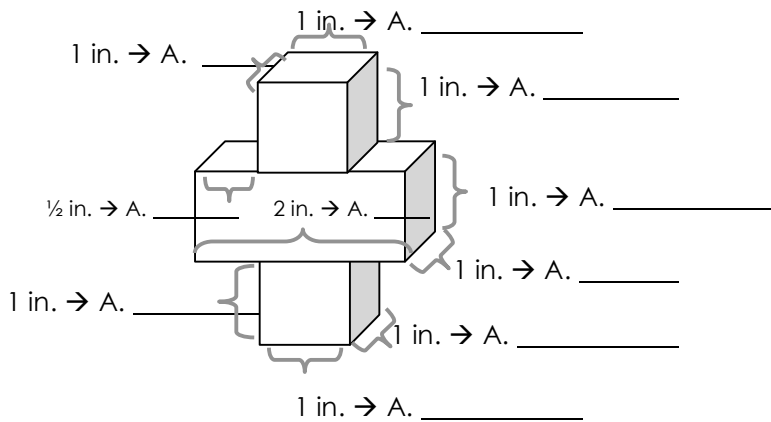
D. Volume:

BOX ONE:

BOX TWO:

**TOTAL:** \_\_\_\_\_

- A. Write the object's measurements to a **scale of 1:4**. Do not round. **Note that 1/8" = 0.125 in. This is half a box on the graph paper.**
- B. Draw the object orthographically, on graph paper. The sides must be **aligned**. Label each side with its **dimensions** and with **F, Bk, T, Bot, L, or R**.
- C. Compute the object's surface area. **Show all your work and include units.**
- D. Compute the object's volume. **Show all your work and include units.**



B. Do this on the graph paper.

C. Surface Area:

TOP:

BOTTOM:

LEFT:

RIGHT:

FRONT:

BACK:

**TOTAL:** \_\_\_\_\_

D. Volume:

BOX ONE:

BOX TWO:

**TOTAL:** \_\_\_\_\_