Perimeter and Area of Irregular Figures

The problem is to find the area of this shape. Work through the steps below.

**STEP 1:**

A. Draw lines on the figure to make 2 rectangles, A and B, with measurements of 2 feet by 1 foot.

B. Write measurements on all sides. Each pair of opposite sides will have the _______ measurement.

C. Label the third rectangle C.

**STEP 2:**

A. The length of C is _______ feet.

B. The width of C is 4 feet minus the side of rectangle A or B. 4 − _______ = _______

C. Write correct measurements on each side of C.

**STEP 3:**

area = length × width

area of A = _______ square feet

area of B = _______ square feet

area of C = _______ square feet

**STEP 4:**

total area = area of A + area of B + area of C

total area = _______ square feet

**Summarize the steps.**

To find the area of a complex figure, first _______ it into simple figures. Then find the _______ and width of each simple figure.

Next, find the _______ of each figure. Finally, _______ these together to find the total area.