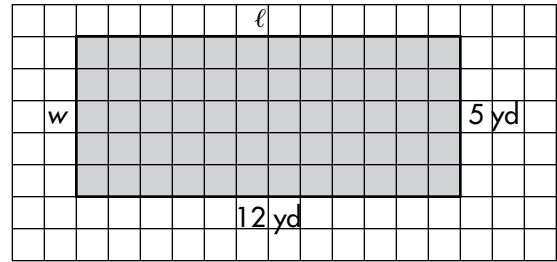**Name** _____

1. The **area** of a figure is the number of square units needed to cover the space. You can count the number of square units to find the area of the shaded rectangle.

    How many square units

    are inside the rectangle? _____

    (figure: rectangle labeled ℓ at top, w at left, 5 yd at right, 12 yd at bottom)

2. A **rectangle** has an equal number of square units in each row. A faster way to count equal groups is to multiply.

    The rectangle has 12 square units in 5 equal rows.

    The total number of square units is $12 \times$ _____ = _____.

3. The **formula** to find the area of a rectangle is $A = \ell \times w$.

    In this rectangle, ℓ equals _____ yd and w equals _____ yd.

    Use the formula to find the area.

    $A = \ell \times w$

    $A =$ _____ $\times$ _____

    $A =$ _____ square yards

4. Each side, s, of a square has the same length.

    In this square, s equals _____ mm.

    Use the formula to find the area.

    (figure: square labeled s at top, 9 mm at right)

    $A = s \times s$

    $A =$ _____ $\times$ _____

    $A =$ _____ sq mm
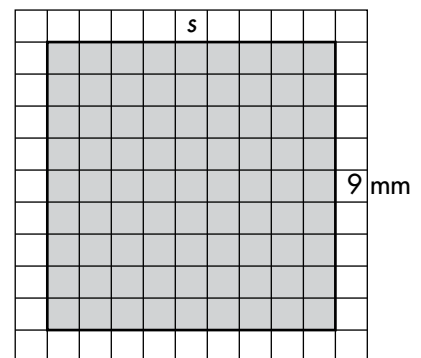
On the Back!

5. Use the formula to find the area of a rectangle that has a width of 8 inches and a length of 15 inches.