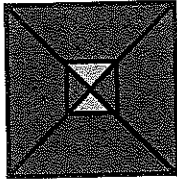Homework 4/8

Name: _____   Date: _____
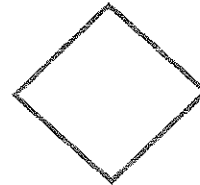
Combine and Divide Figures - II
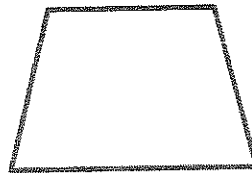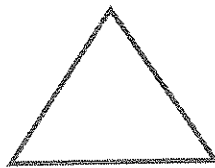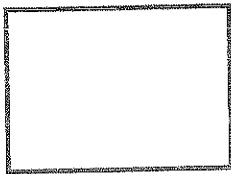
1. Look at the figure shown below and answer the following questions.

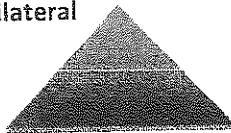   a. How many squares are in the picture?   _____

    b. How many triangles make a square in the picture?   _____

2. Divide each of the following figures in two triangles.

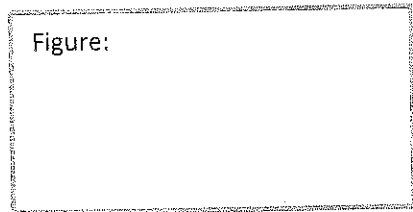
3. Combine each of the following pair of figures to form-:
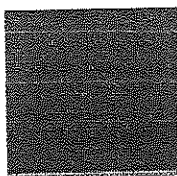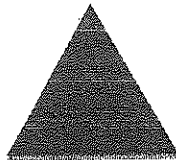
    a. Quadrilateral
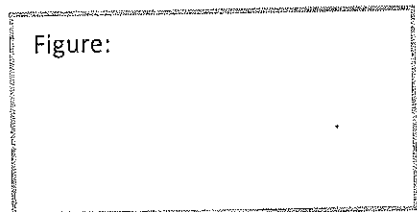
       and

    Figure:

    b. Pentagon

       and

    Figure:

4. True or False?

    a.   An equilateral triangle can't be divided into two congruent triangles.   _____
    b.   A rectangle can't be formed by combining two squares.   _____
    c.   A trapezoid can be formed by combination of two appropriate triangles.   _____
    d.   A hexagon can be divided in to 6 congruent triangles.   _____
    e.   A square can only be formed by combining equilateral triangles.   _____

turn over →

5) Circle the correct Figure (below) that can be combined to form a rhombus.

Figure 1

Figure 2
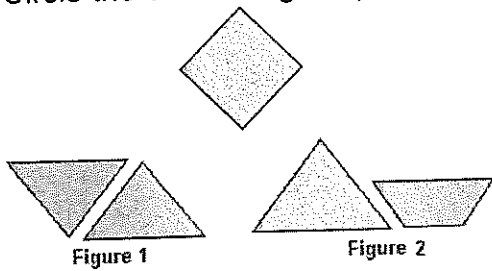
Figure 3

Figure 4

6) Circle the correct Figure (below) that can be combined to form a rectangle.

Figure 1

Figure 2
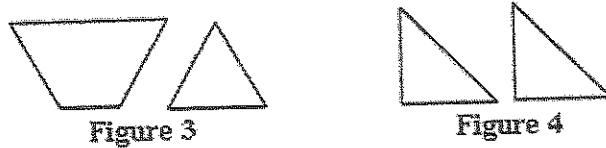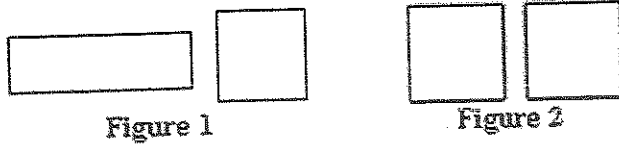
Figure 3

Figure 4

7) Circle the Figure (below) that can be combined completes a circle.

Figure 1   Figure 2   Figure 3   Figure 4