Writing assignment 8(a)   **June 22, 2011**   **Name**_____

PART I: Please work on this for 10 minutes your own, without discussing with your classmates. After 10 minutes, turn this sheet over and DO NOT WRITE FURTHER ON IT.

1. Express the perimeter of a square as a function of its area.

2. Express the surface area of a cube as a function of its volume.

3. Express the area of an equilateral triangle as a function of the length of a side.

PART II: After discussing the problems with your table, rewrite solutions. Write them so they will be clear and informative to an 8th-grader.

4. Express the perimeter of a square as a function of its area.

5. Express the surface area of a cube as a function of its volume.

6. Express the area of an equilateral triangle as a function of the length of a side.