Ms. Glynn   **Name:**_____
8th Grade Science   **Date:**_____

1) Using only your hands, measure the length and width of the desk you are sitting at.

    Desk:
    Length:_____   Width:_____

2) Do the same with your notebooks:

    Desk:
    Length:_____   Width:_____

3) What is the surface area of each of these objects?

    Desk Area:_____   Notebook Area:_____

4) As best you can, measure your own hand in centimeters

                                $$\underline{} \quad \frac{centimeters}{hand}$$

5) Using the above conversion factor, determine the length, width, and area of these
    objects. Be sure to include your units of measurement.

    <u>Desk</u>   <u>Notebook</u>

    Length:_____   Length:_____

    Width:_____   Width:_____

    Area:_____   Area:_____

6) Use your rulers to measure your desk and notebook and compare results with the
   above measurements.

Desk: Notebook:

Length:_____   Length:_____

Width:_____   Width:_____

Calculate Area

Area:_____   Area:_____