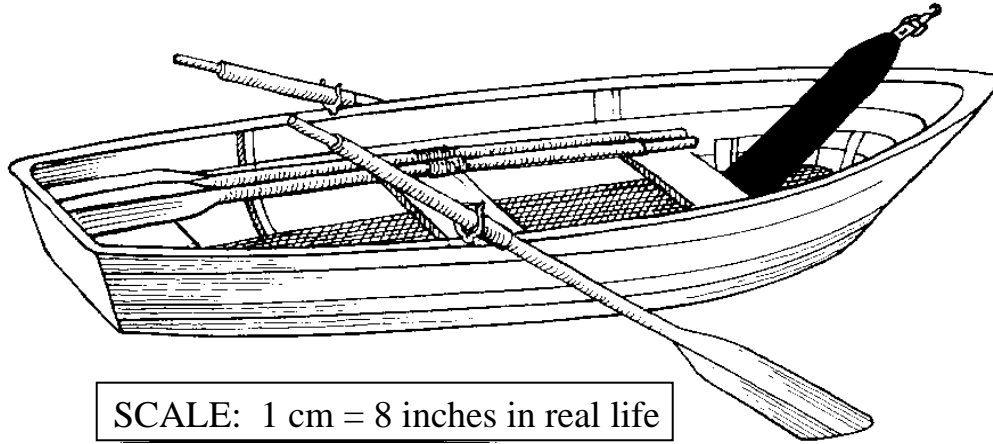


Scale Drawings

Use a ruler and this scale drawing of a small rowboat to help you answer problems [1] to [5].



- [1] Measure from the tip to the bow (front) to the center of the stern (back) of this boat.
- [2] Write a proportion and solve it to determine how long this boat would be in real life.
- [3] Measure the length of the oar, from tip to the center of its paddle.
- [4] Write a proportion and solve it to determine how long this oar would be in real life.
- [5] Suppose the rescue tube in the front of the boat had a full length of five feet. How long would it be in this picture, if it were fully shown?
- [6] ***This problem will relate to your Unit 9 Project!*** Use graph paper provided in class to draw a scale drawing of your bedroom at home. Use a scale of 1 square = 4 inches (the length of 3 squares = 1 linear foot). Be sure to include the actual measurements of the room, your bed, and any other major furniture in the room. *Place your completed scale drawing in your work folder, and await further instructions about your Unit 9 Project.*