



5. Determine the heights of the following from their shadow lengths. (Since the sun angle is the same everywhere in the photo you can use the value of its tangent computed in question 4 above.):

(a) the big white tank in 3(a)

(b) the four tanks located together near the center of the photo

(c) the tree located near the bottom left corner of the white rectangular building lying equidistant from the set of four tanks and the two tanks from question 3.

6. Compute the volume in gallons of the large tank in 3(a). (1 cu. ft. = 7.5 gals.)

7. Compute the volume in gallons of each of the four tanks located together near the center of the photo.