

Seventh Grade Math, Second Semester

Assignment Ten

(Work to be submitted)

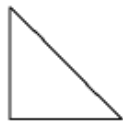
39 Points

Show all of your work. Partial credit is only available if all your work is shown.

1. Make a perspective drawing of the following figure by using the top, side and front views as shown. (5 points)



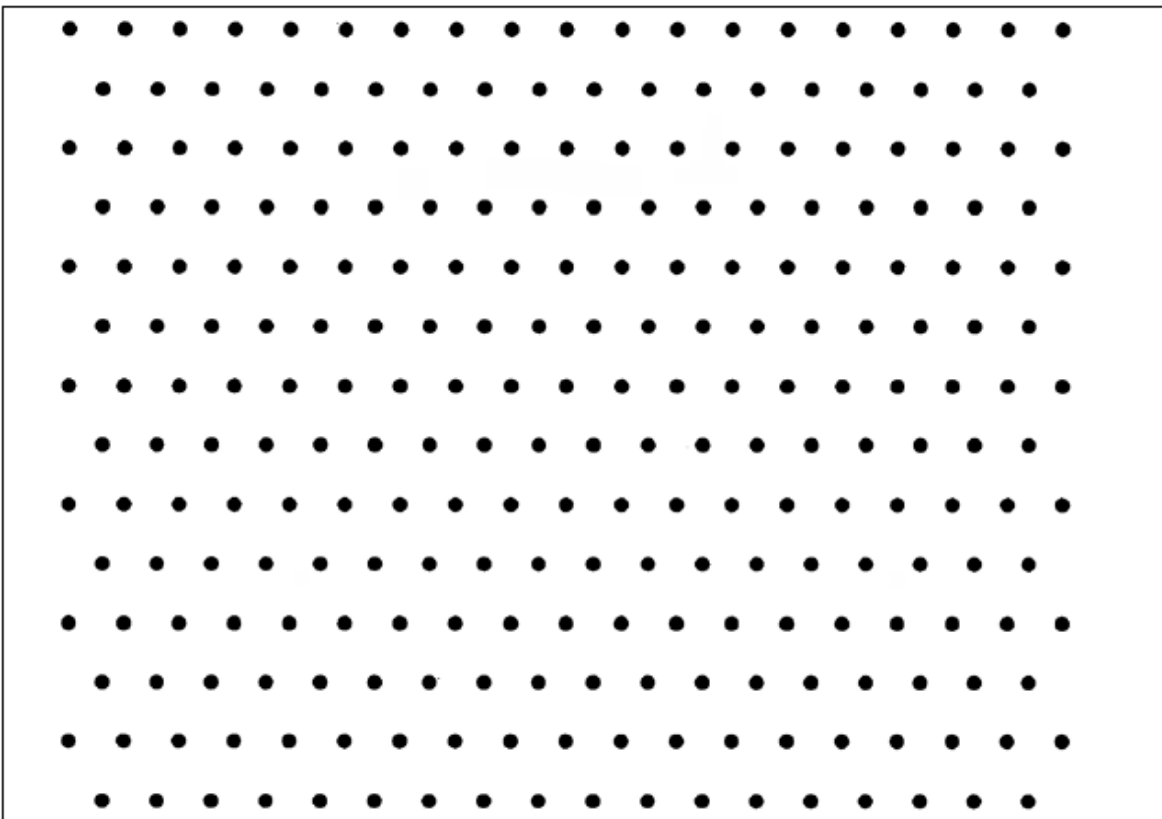
top



side



front



2. Kenney High School's swimming pool is 25 yards long. The pool has 8 lanes, each of which is 3 yards wide. The pool is filled to a depth of 6 feet.

a. What are the length and width of the pool in terms of feet? (4 points)

Length: _____ ft.

Width: _____ ft.

b. How many cubic feet of water are in the pool? (3 points)

Volume: _____ ft^3

c. If one cubic foot contains about 7.5 gallons, how many gallons of water are in the pool? (3 points)

Water: _____ gallons

3. A rectangular cake pan is 13 inches by 9 inches by 2 inches. A round cake pan has a diameter of 8 inches and a height of 2 inches. Which will hold more batter, one rectangular pan or two round pans? (5 points)

