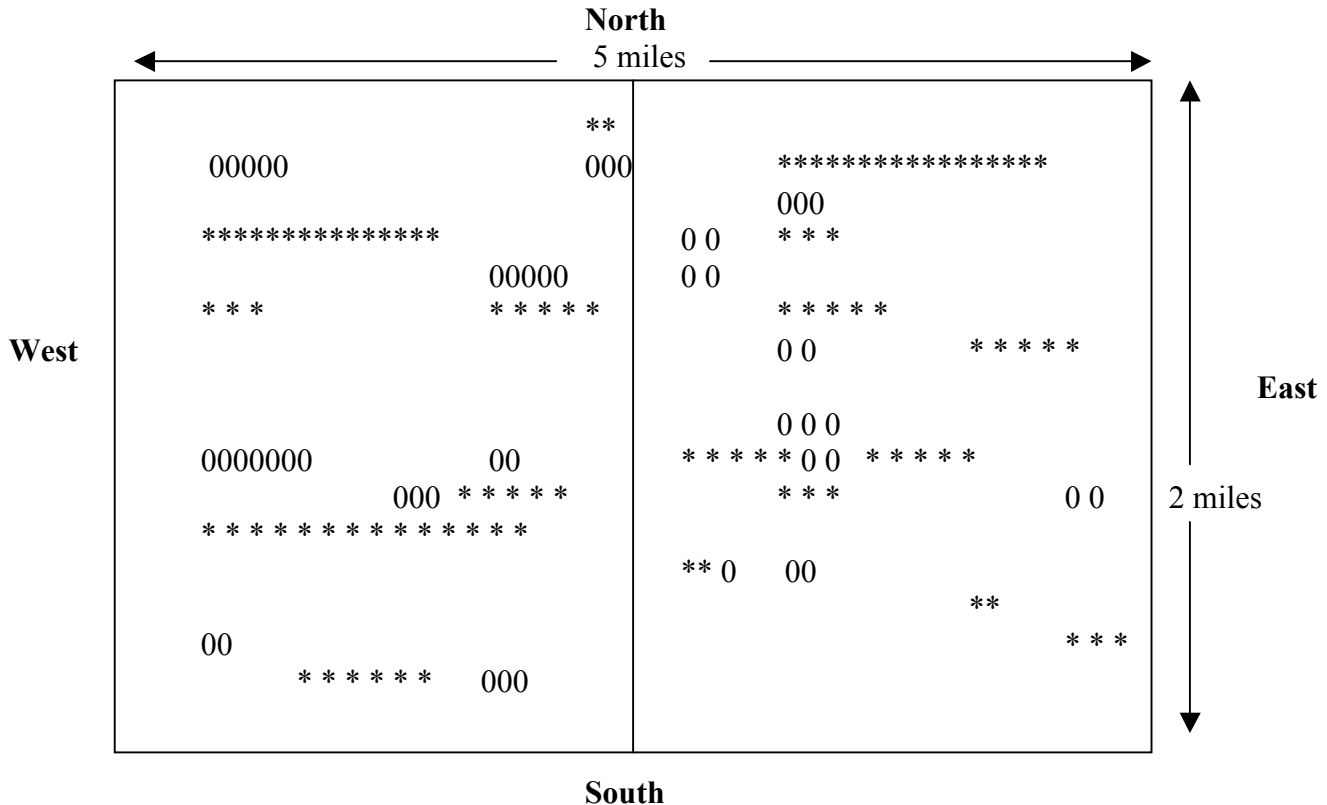


Ecology – Population Density and Rate of Change

Under natural conditions organisms (plant and/or animal) are not distributed evenly. Look at the graphic below. Each * represents three oak trees; each 0 represents five redwood trees.



Show work and answer in box with correct units!

1. The density of oaks in the entire above graphic is

2. The density of redwoods in the entire above graphic is

3. The density of oaks in the northwest quadrant is

4. The density of redwoods in the right half of the graphic is

5. There are 1775 strawberry plants per acre on a certain farm in the year 1949 and 895 per acre in 1957. The rate of decline in the population of strawberry plants is