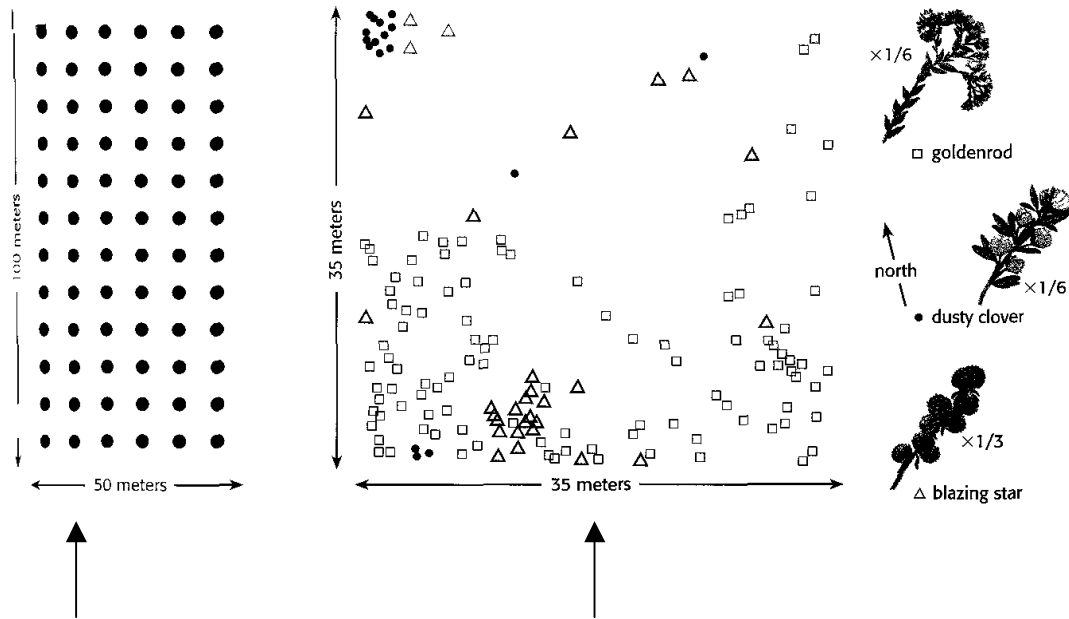


## Ecology - Density Problems



**A** (orchard – each dot represents a tree)    **B** (distribution of plants in a natural environment)

Show formula & set up & units for each problem – answer in box!

1. What is the density of the trees in the orchard?

$$.01 \text{ trees/m}^2$$

2. Calculate the density of the *dusty clover* only in the northwest quadrant of the field.

3. Calculate the density of *goldenrod* in the diagram of the field as a whole.

$$.08 \text{ goldenrod/m}^2$$

4. Calculate the density of *goldenrod* only in the southwest quarter (quadrant) of the field.