

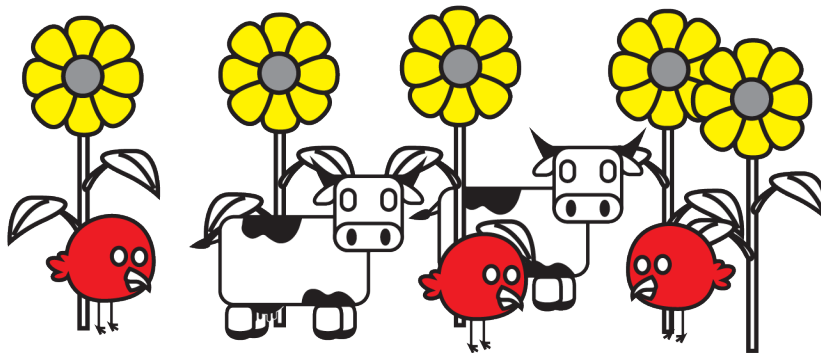
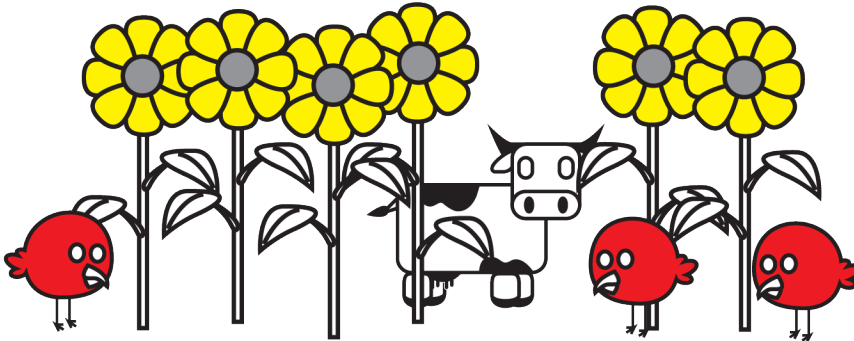
Name:

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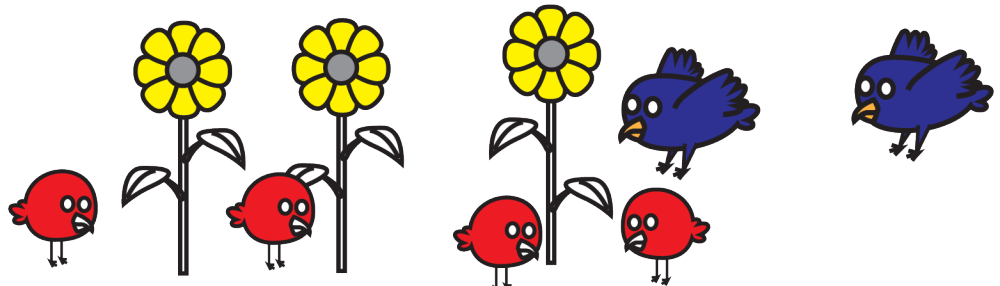
Biodiversity - Practice Makes Perfect

Calculate the biodiversity for the following communities.



Explain why low biodiversity is problematic; what monocultures are; and provide real world examples of when monocultures have failed.

Do not calculate for 'D' just show how to set it up.



Species

n

n^2

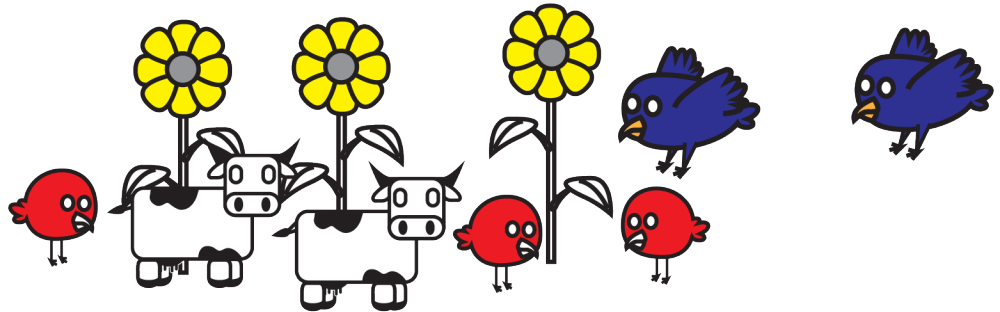
$$D = 1 - \left(\frac{\sum n^2}{N^2} \right)$$

What number goes in the circle?

What number goes in the square?

Calculate the diversity (D) of the community below.

Does it have good or bad biodiversity?



Species

n

n^2

$$D = 1 - \left(\frac{\sum n^2}{N^2} \right)$$

Draw a vegetable farm with **LOW** biodiversity.