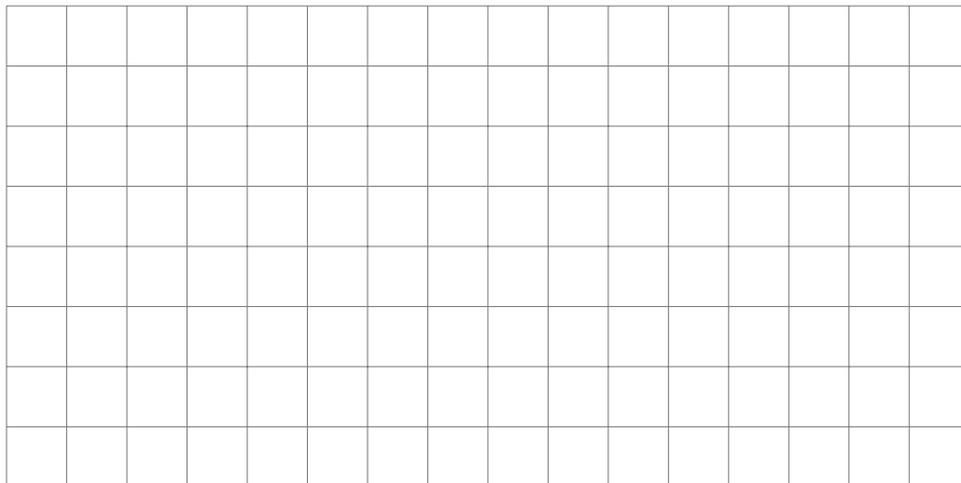| LAST NAME	FIRST NAME	DATE

1 (9 points). Consider a sample of cheeses:

> Swiss   Edam   Jack   Brie   Edam   Jack   Edam   Edam
>
> Edam   Edam   Swiss   Jack   Jack   Brie   Swiss   Edam

(a) Construct the **absolute** frequency distribution and the **relative** frequency distribution for the sample.

(b) Construct an **absolute** frequency **pareto chart** for the sample.

(c) If a piece of cheese is chosen out of this sample randomly, what is the probability that it is Brie?

2 (9 points). Construct a **relative** frequency bar plot for the sample of ice cream flavors.

vanilla	vanilla	mint	vanilla	mint
mint	vanilla	chocolate	strawberry	mint
vanilla	mint	mint	mint	strawberry
mint	vanilla	vanilla	mint	strawberry

(a) Construct the **absolute** frequency distribution and the **relative** frequency distribution for the sample.

(b) Construct a **relative** frequency **bar plot** for the sample.

(c) If an ice cream is chosen out of this sample randomly, what is the probability that it is either mint or strawberry?