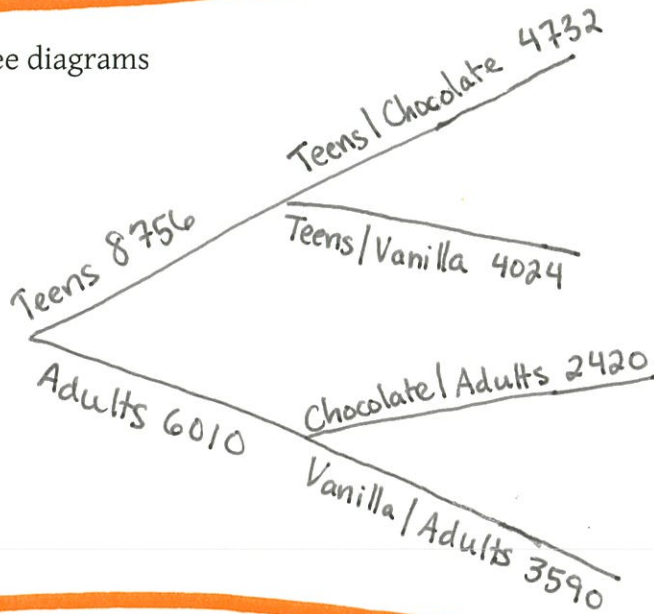


tree diagrams



one error in
each section
(4 errors total)

2-way frequency tables

	Chocolate	Vanilla	Total
Teens	4732	4024	8756
Adults	2420	3590	6010
Total	7152	7614	14766

Basic Probability Statement

$$P(\text{Teen}) = \frac{8756}{14766} \leftarrow \begin{array}{l} \text{teens} \\ \text{everyone} \end{array}$$

$$\approx 27.25\%$$

Conditional Probability Statement

$$P(\text{Chocolate} | \text{Adult}) = \frac{2420}{6010} \leftarrow \begin{array}{l} \text{choc} \\ \text{adult} \end{array}$$

$$\approx 118.74\%$$

Venn diagrams

