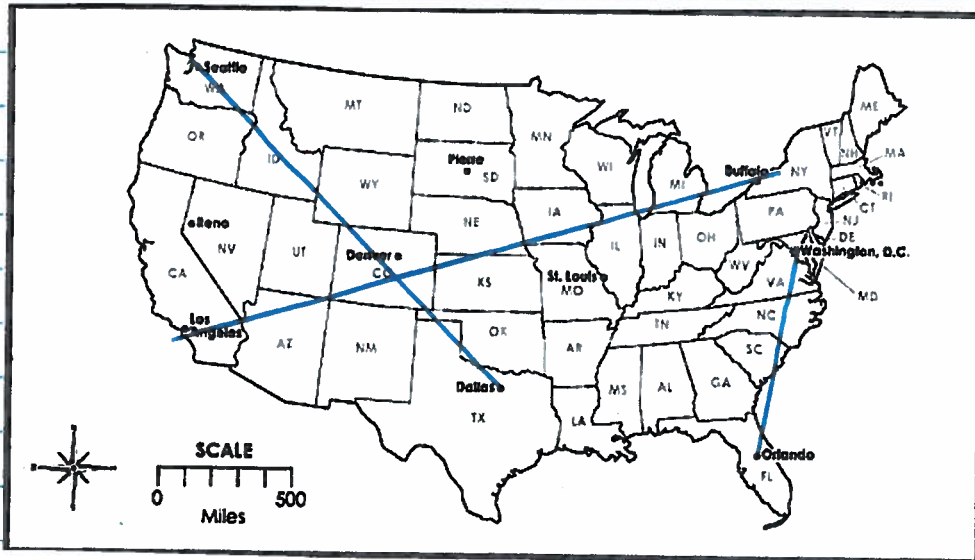


# Scale factor.

map



$$2\text{cm} = 500 \text{ miles}$$

Look at  
the key!

Conversions

Los Angeles to Buffalo

$$\frac{2\text{cm}}{500\text{miles}} = \frac{8\text{cm}}{X}$$

$$\frac{2X}{2} = \frac{4000}{2}$$

$$X = 2000 \text{ miles}$$

Washington to Orlando

$$\frac{2\text{cm}}{500\text{m}} = \frac{2.8\text{cm}}{X}$$

$$\frac{2\text{cm}}{2} = \frac{1400}{2}$$

$$X = 700 \text{ miles}$$

Seattle to Dallas

$$\frac{2\text{cm}}{500\text{m}} = \frac{6}{X}$$

$$\frac{2X}{2} = \frac{3000}{2}$$

$$X = 1500 \text{ miles}$$