# 10 - 6
# Problem Solving Skills:
# Make Predictions

**Ex: A city has 250,000 registered voters. They polled a sample of 225 voters. Using the results of the poll, predict how many voters (of the 250,000) will vote for each of the candidates.**

| | |
|---|---|
| Miller | 35 |
| Smith | 80 |
| Taylor | 110 |

Miller $\frac{35}{225}$ = .155 × 250,000 = $\boxed{36,750}$

Smith $\frac{80}{225}$ = .355 × 250,000 = $\boxed{88,750}$

Taylor $\frac{110}{225}$ = .488 × 250,000 = $\boxed{122,000}$

# In-class Work:

## 10 - 6 WS