

Name: \_\_\_\_\_

**Worksheet #1**  
**August 22, 2018**

Below is a preference schedule giving the voter preferences in an election with five candidates,  $A$ ,  $B$ ,  $C$ ,  $D$ , and  $E$ .

Number of Voters	18	12	10	9	4	2
1st choice	A	B	C	D	E	E
2nd choice	D	E	B	C	B	C
3rd choice	E	D	E	E	D	D
4th choice	C	C	D	B	C	B
5th choice	B	A	A	A	A	A

1. What information is this table providing?
2. Who do you think should win the election? Why?

### Smaller Example

Below is a preference schedule giving the voter preferences in an election with four candidates,  $A$ ,  $B$ ,  $C$ , and  $D$ .

Number of Voters	13	12	6	3
1st choice	B	D	A	D
2nd choice	C	A	C	C
3rd choice	A	C	B	B
4th choice	D	B	D	A

1. What information is this table providing?
2. Who do you think should win the election? Why?