

1) In an election between 5 candidates, 55 people have preferences as shown below. Who should win the election? Justify your answer.

Number of votes	18	12	10	9	4	2
First choice	A	B	C	D	E	E
Second choice	D	E	B	C	B	C
Third choice	E	D	E	E	D	D
Fourth choice	C	C	D	B	C	B
Fifth choice	B	A	A	A	A	A

3) Give an example of a “ $2 \times 2$  game”. Describe the “best” solution, as well as what would probably happen when two people play this game.