Summary

- The experiment will have two parts.
- Part 1 will consist of 15 periods. Once these 15 periods are completed we'll give you instructions for Part 2, which will consist of 5 periods.
- At the beginning of each round you will be randomly assigned a role: BLUE, RED or GREEN member. You will take on all three roles during the experiment.
- The task of the group is to make a decision for two points: the group selects a value for Point A and another value for Point B.
- In each round a computer randomly chooses two points: 'Computer Point A' and 'Computer Point B'. Each is drawn by rolling a fair 360-sided die.
- Members BLUE and RED see the values that 'Computer Point A' and 'Computer Point B' take and make recommendations to GREEN, who is has the role of making the final selection for the group.
- Members of the group differ in what their optimal outcomes are. The GREEN member would be best if the group selected exactly 'Computer Point A' and 'Computer Point B'. However, the GREEN member does not get to see the values that those points take.
- However, member GREEN does:
  - Receive recommendations from BLUE and RED,
  - Knows how far away BLUE and RED's best points are from GREEN's.
- For all members payoffs are highest if the final selection is equal to their best. If the final choice of the group equals your best, then you will receive $20 for that round. Your payoff decreases as the distance between your best and the group's choice is larger. The table on the next page explains your payoffs in detail.
- At the end of the experiment, 2 rounds will be randomly chosen for payment and the amount you won in each of those rounds will be added to determine your final payoff for the experiment. Thus, you should treat each round as a round you could be paid for.
- When a new period begins you will be randomly rematched with other participants. In every round a new random group is formed.

$$\text{Payoff} = \$20 - \$8\frac{\sqrt{(\text{Distance from Best A})^2 + (\text{Distance from Best B})^2}}{45}$$

The costs are capped at \$15, so the least you can make is \$5, the most is \$20.

Payoff Table:

		Distance from Best Point B						
		0	15	30	45	60	75	90
Distance from Best Point A	0	\$20.00	\$17.33	\$14.67	\$12.00	\$9.33	\$6.67	\$5.00
	15	\$17.33	\$16.23	\$14.04	\$11.57	\$9.01	\$6.40	\$5.00
	30	\$14.67	\$14.04	\$12.46	\$10.39	\$8.07	\$5.64	\$5.00
	45	\$12.00	\$11.57	\$10.39	\$8.69	\$6.67	\$5.00	\$5.00
	60	\$9.33	\$9.01	\$8.07	\$6.67	\$5.00	\$5.00	\$5.00
	75	\$6.67	\$6.40	\$5.64	\$5.00	\$5.00	\$5.00	\$5.00
	90	\$5.00	\$5.00	\$5.00	\$5.00	\$5.00	\$5.00	\$5.00