

Directable Fire Exploration Questions

1. Run an experiment on the forest that simulates a strong wind blowing towards the northeast. What probabilities did you select for each direction? What did the forest look like as a result of the experiment? Will it always look this way? Explain your reasoning.

2. Run an experiment with medium winds of 0.5 probability coming from all directions. What was the result of your experiment; what percent of trees were burned in the forest? Is this what you expected? Explain why the forest burned the way that it did despite a probability of only 0.5 for each direction around the fire spot.