Name_____ Date_____

All Possible Outcomes

Part A

Two students tossed a coin and
spun the pointer on this spinner
to do a probability experiment

Make a tree diagram to determine
all possible outcomes.

How many possible outcomes are there? How do you know?

List the outcomes in a table.

**Data Management
Unit 2 Line Master 2b**

All Possible Outcomes (cont'd)

Part B

Use two objects to design your own
probability experiment.

Determine all possible outcomes for
your experiment.

Choose one possible outcome.
Determine the theoretical probability of that outcome.
Record the probability using a fraction, decimal, or percent.

Determine the "odds in favour" of that outcome.

What do you notice about the sum of the theoretical probabilities
of an outcome occurring and not occurring? Justify your thinking.