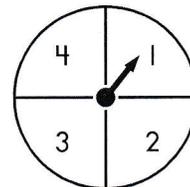


# Lesson 2.5 Problem Solving

Solve each problem. Express probabilities as a percent, rounded to the nearest tenth.

- Jamie will spin the spinner 1 time. He will also flip a coin 1 time. Complete the chart of all possible outcomes from this experiment. Two outcomes are given in the chart as examples. Then, draw a tree diagram showing all possible outcomes.



### CHART

		Coin	
		Heads	Tails
Spinner	1	HI	TI
	2	H2	T2
	3	H3	T3
	4	H4	T4

### TREE DIAGRAM

Coin

Spinner

- This experiment has 8 possible outcomes.

- What is the probability of getting heads on the coin flip and a 2 on the spin?

The probability is 12.5 %.

- What is the probability of not getting heads and a 2?

The probability is 87.5 %.

- What is the probability of getting tails and an odd number?

The probability is 25.0 %.