Name_____ Date_____

Using Probability to Make Smart Decisions

Scenario A: The weather forecast calls for a 60% chance of rain today.
Should Amy take an umbrella to school?

Think	Pair	Share
Think about your answer and jot it down here.	Talk with your partner. Write your thoughts here.	Listen to the other pairs. Write any new ideas here.

Scenario B: Your friend asks for help deciding which tablet to purchase. Tablet A has a $\frac{1}{1000}$ chance of becoming defective in the first year, and Tablet B has a $\frac{1}{1500}$ chance of becoming defective in the first year. Which tablet should they purchase?

Think	Pair	Share
Think about your answer and jot it down here.	Talk with your partner. Write your thoughts here.	Listen to the other pairs. Write any new ideas here.

Scenario C: In Grade 9 Science, there are 25 students. In Grade 9 Social Studies, there are 30 students. In which class would you have the greater probability of being randomly selected to answer a question?

Think	Pair	Share
Think about your answer and jot it down here.	Talk with your partner. Write your thoughts here.	Listen to the other pairs. Write any new ideas here.