Using Probability to Make Smart Decisions

**Data Management**

**Unit 1 Line Master 20**

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

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

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

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