

Name \_\_\_\_\_

# Probability in the Real World

Name of Article	Name of Article	Name of Article
Topic of Article	Topic of Article	Topic of Article
Description of Article <i>(At least 2 complete sentences!)</i>	Description of Article <i>(At least 2 complete sentences!)</i>	Description of Article <i>(At least 2 complete sentences!)</i>
Probability --Type of probability, if identifiable --Description of how probability is used to support the premise of the article	Probability --Type of probability, if identifiable --Description of how probability is used to support the premise of the article	Probability --Type of probability, if identifiable --Description of how probability is used to support the premise of the article

# ALGEBRA 2 MATH MATTERS

## Probability in the Real World

### INSTRUCTIONS:

1. Go to Mrs. Meyer's website ([ncthunder.org/smeyer](http://ncthunder.org/smeyer)) and select "Probability Articles" from the sidebar.
2. Select and read 3 of the articles. You cannot 3 consecutive articles.
3. Complete the graphic organizer on the reverse side of this page.
4. Probability section: ***Do both of these!!!***
  - A) If possible, identify the type of probability used in the article (see list below).
  - B) Describe how probability is used in this real world situation to support the author's point or draw a conclusion.

### Probability Methods:

- Combinations (could be And, At Least, At Most)
- Individual probabilities (multiply separate fractions or percentages)
- OR problems (mutually inclusive or exclusive events)
- Binomial probability
- Probability tree
- Conditional probability (also known as Bayes Theorem or Bayesian probability)
- Expected value (probability of event \* gain/loss; often used in assessing risk)