

Name:

Period:

## Year One Probability Review

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**Vocabulary:** Match each vocabulary term with their definition.

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|-----------------------------------|---|
| 1. _____ Probability              | <b>A</b> all possible outcomes of an event  |
| 2. _____ Theoretical Probability  | <b>B</b> the result of a single trial of an experiment                                |
| 3. _____ Experimental Probability | <b>C</b> the measure of how likely an event occurs                                    |
| 4. _____ Independent Event        | <b>D</b> one or more outcomes of an experiment  |
| 5. _____ Dependent Event          | <b>E</b> the chance of an event happening   |
| 6. _____ Conditional Probability  | <b>F</b> when an event will occur given that an event has already occurred            |
| 7. _____ Outcome                  | <b>G</b> when an event occurs and has <u>no affect</u> on the occurrence of the other |
| 8. _____ Sample Space             | <b>H</b> when an event occurs and <u>affects</u> the occurrence of the other          |
| 9. _____ Event                    | <b>I</b> the chances of something happening based on the result of an experiment      |
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**Identifying Events:** Identify each event as either *independent*, *dependent* or *conditional*.

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|--|-------|
| 10. Going to lunch and checking your email.                        | _____ |
| 11. Getting money from the tooth fairy only if a tooth falls out.  | _____ |
| 12. Choosing a pink shirt and matching shorts.                     | _____ |
| 13. Getting a free sub only if you bought nine before.             | _____ |
| 14. rolling a die and spinning a spinner.                          | _____ |
| 15. Picking a card and then a second <u>without</u> replacement.   | _____ |
| 16. Picking a card and then a second card <u>with</u> replacement. | _____ |