

Name:

Period:

Year One Probability Review

Vocabulary: Match each vocabulary term with their definition.

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

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. | _____ |