

Mathematics 30-2: Unit 3 Review

|  |  |  |
| --- | --- | --- |
| **Review the outcomes assessed on this quiz.** **I can...** | **Circle the questions you got correct on this Quiz.** | **Check the rating you think reflects your understanding of each outcome.** |
| **Unit 3 Outcomes** | express odds as a probability and vice versa | 1 |  |  |
| determine the probability of, or the odds for and against, an outcome | 2 |  |  |
| solve a problem that involves odds or probability | 3 |  |  |
| compare, using examples, dependent and independent events | 4 |  |  |
| determine the probability of two dependent or two independent events | 5, 14 |  |  |
| determine the probability of an event, given the occurrence of a previous event | 6 |  |  |
| solve a problem that involves determining the probability of dependent events or independent events | 7, 15 |  |  |
| classify events as mutually exclusive or non-mutually exclusive, and explain your reasoning | 8 |  |  |
| represent, using set notation or graphic organizers, mutually exclusive events (including complementary) or non-mutually exclusive events | 9, 16 |  |  |
| solve a problem that involves mutually exclusive events or non-mutually exclusive events | 10, 17 |  |  |
| solve a problem that involves the probability of complementary events | 11 |  |  |
| solve a problem that involves probability and permutations | 12 |  |  |
| solve a problem that involves probability and combinations | 13 |  |  |
|  |
| **Review Outcomes** | provide examples of the empty set, disjoint sets, subsets and universal sets in context, and explain the reasoning (Lesson 1A) | 18 |  |  |
| simplify a numeric or an algebraic fraction that contains factorials in both the numerator and denominator. (Lesson 2B) | 19 |  |  |
| determine the number of combinations of n elements taken r at a time (Lesson 2D) | 20 |  |  |
|  |
| **Record any questions you have about Unit 3. Then, contact your teacher.** |