**ANSWER KEY**

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| P( rolling a 1 and then rolling a 2)  x = | P( rolling a 1 and then rolling 2 or less)  x = | P( rolling an odd and then rolling a 2)  x = | P( rolling a 1 or a 5 and then rolling 2 or a 6)  x = | P( rolling a 5 or less and then rolling 4)  x = |
| P( picking a Jack of hearts and then a Jack of spades with replacement)  x = | P( picking a Jack and then a Queen with replacement)  x = | P( picking any Jack and then a Queen of clubs with replacement)  x = | P( picking a red Jack and then a Queen of diamonds with replacement)  x = | P( picking a face card and then a diamond replacement)  x = |
| P( picking a face card and then a rolling a 1)  x = | P( picking a red card and then a rolling an odd)  x = | P( picking a six or seven card and then a rolling a 3 or greater)  x = | P( picking a black five, six, or seven and then a rolling an odd)  x = | P( picking a face card and then a rolling a prime number)  x = |
| P( picking a vowel and a red marble)  5 R, 12G, 3B  x = | P( picking a letter from the word CAT and a green marble)  5 R, 12G, 3B  x = | P( picking a letter from the word MATH and a green marble)  5 R, 12G, 3B  x = | P( picking a letter from the word BANANA and a blue marble)  5 R, 12G, 3B  x = | P( picking a letter from the word MATHEMATICS and a red marble)  5 R, 12G, 3B  x = |
| P( picking a consonant and NOT a red marble)  5 R, 12G, 3B  x = | P( picking a letter from the word BANANA and a rolling a 1)  x = | P( picking a letter from the word LONGHORNS and a NOT green marble)  5 R, 12G, 3B  x = | P( picking a letter from the word BANANA and a rolling a prime)  x = | P( picking a letter from the word TEXAS and a NOT blue marble)  5 R, 12G, 3B  x = |

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