**Probability - Word Questions (2 or 3 events)**

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| Name : | Class : | Date : |

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| Mark : | /6 | % |

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| **1)** Two dice are rolled. What is the probability that the sum of the two dice is 7? | [1] |
| **2)** Two dice are rolled. What is the probability that the product of the two dice is 3? | [1] |
| **3)** Two dice are rolled. What is the probability that the sum of the two dice is less than or equal to 10? | [1] |
| **4)** Suppose you roll a special 15-sided die twice.  What is the probability that the numbers rolled are a 8 **and** a 9? | [1] |
| **5)** Nina picks two beads out of a box that contains 3 red beads and 7 white beads. Note that she returns the first bead to the jar before she picks the second.  Find the probability that Nina picks one white and one red bead. | [1] |
| **6)** Three beads are picked from a bag containing 3 blue beads and 6 pink beads. Note that each bead is put back before the next is selected.  Find the probability of picking three blue beads. | [1] |

**Solutions for the assessment Probability - Word Questions (2 or 3 events)**

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| **1)** P(sum is 7) = | **2)** P(product is 3) = |
| **3)** P(sum  ) = | **4)** P(8 **and** a 9) = |
| **5)** P(R and W) = 21/50 | **6)** P(3B) = 1/27 |