



Practice – Part 2

Instructions: Answer each of the following practice questions on a separate piece of paper. Step by step solutions are provided under the Solutions tab. You will learn the material more thoroughly if you complete the questions before checking the answers under the Solutions tab in Moodle.

1. A jewellery box contains 3 white pearls, 4 gold rings and 7 silver rings.
 - a. What are the odds of choosing a white pearl from the jewellery box?
 - b. What are the odds against choosing a gold ring?
 - c. What is the probability of choosing a silver ring? Express the answer as a ratio.

2. A gumball machine is filled with 5 yellow, 3 red, 9 orange and 10 blue gumballs. State the odds of choosing the following.
 - a. a red gumball
 - b. a gumball that is not blue
 - c. a yellow or red gumball