

1. Last night you served 80 guests Shrimp Scampi. This represents approximately 57% of all of the entrees you served. Estimate the number of entrees you served. (Round your answer to the nearest entree.)

- A. Approximately 210 entrees were served.
- B. Approximately 220 entrees were served.
- C. Approximately 70 entrees were served.
- D. Approximately 200 entrees were served.
- E. Approximately 140 entrees were served.
- F. Approximately 190 entrees were served.
- G. Approximately 80 entrees were served.
- H. Approximately 100 entrees were served.

2. What percent discount would you have gotten if the actual price of an item was \$179.9 and you paid \$98.95?

- A. The discount would have been 55%.
- B. The discount would have been 45%.
- C. The discount would have been 60%.
- D. The discount would have been 35%.
- E. The discount would have been 70%.
- F. The discount would have been 65%.
- G. The discount would have been 40%.
- H. The discount would have been 75%.

3. A chef wants to serve $\frac{1}{5}$ pound of beef stew to each of her guests. If the chef has 19 pounds of stew, how many guests can she serve?

- A. The chef may serve 96 guests.
- B. The chef may serve 94 guests.
- C. The chef may serve 91 guests.
- D. The chef may serve 93 guests.
- E. The chef may serve 90 guests.
- F. The chef may serve 95 guests.
- G. The chef may serve 97 guests.
- H. The chef may serve 100 guests.

4. A restaurant purchases 81 pounds of sweet potatoes. The potatoes have a 81 percent yield. After washing and peeling, how many pounds of sweet potatoes will remain? Round to the nearest tenth of a pound.

- A. There will be 59.61 pounds after washing and peeling.
- B. There will be 56.61 pounds after washing and peeling.
- C. There will be 60.61 pounds after washing and peeling.
- D. There will be 64.61 pounds after washing and peeling.
- E. There will be 58.61 pounds after washing and peeling.
- F. There will be 72.61 pounds after washing and peeling.
- G. There will be 65.61 pounds after washing and peeling.
- H. There will be 62.61 pounds after washing and peeling.

5. If you order 500 lobster tails and you use 90 percent of the lobster tails, how many do you have left over?

- A. There will be 54 lobster tails left over.
- B. There will be 57 lobster tails left over.
- C. There will be 52 lobster tails left over.
- D. There will be 46 lobster tails left over.
- E. There will be 58 lobster tails left over.
- F. There will be 48 lobster tails left over.
- G. There will be 53 lobster tails left over.
- H. There will be 50 lobster tails left over.

6. You estimate that 15% of your guests at dinner will order the special dessert. If 155 guests are expected, how many special desserts should you prepare?

- A. 22 special deserts should be prepared.
- B. 26 special deserts should be prepared.
- C. 19 special deserts should be prepared.
- D. 28 special deserts should be prepared.
- E. 21 special deserts should be prepared.
- F. 29 special deserts should be prepared.
- G. 27 special deserts should be prepared.
- H. 24 special deserts should be prepared.

7. You served approximately 83% of the bottles of pinot noir that you ordered for a dinner you catered. 8 bottles are left over. Approximately how many bottles did you purchase for this dinner? (Round your answer to the nearest bottle.)

- A. Approximately 55 bottles were purchased.
- B. Approximately 49 bottles were purchased.
- C. Approximately 47 bottles were purchased.
- D. Approximately 12 bottles were purchased.
- E. Approximately 52 bottles were purchased.
- F. Approximately 10 bottles were purchased.
- G. Approximately 15 bottles were purchased.
- H. Approximately 18 bottles were purchased.

8. By 10:00 a.m., only 12 cups remain in a coffee urn. About 72 percent of the coffee has been consumed. How many cups of coffee does the urn hold? (If necessary, round to the nearest tenth of a cup.)

- A. The urn holds about 16.2 cups of coffee.
- B. The urn holds about 42.8 cups of coffee.
- C. The urn holds about 43.4 cups of coffee.
- D. The urn holds about 42.4 cups of coffee.
- E. The urn holds about 16.7 cups of coffee.
- F. The urn holds about 42.9 cups of coffee.
- G. The urn holds about 16.6 cups of coffee.
- H. The urn holds about 17.2 cups of coffee.