

Practice Question 1

Answer: There are 60 elements in the sample space. $\text{Prob}(\text{meal contains grilled fish}) = \frac{1}{4}$

Practice Question 2

Answer: $\frac{7}{15}$

Practice Question 3

Answer: $\frac{2}{3}$

Discussion Questions**Answers**

1. $\frac{2}{3}$
- 2(a). $\frac{19}{20}$
- 2(b). $\frac{1}{20}$
- 2(c). $\frac{3}{5}$
3. $\frac{1}{8}$
4. 120 seating arrangements