

Q4-Q5 (Fraction-Percent of Data) Day 120 Name: _____

1. a) There are **3 bad apples** and **7 good apples** in a bag. What **fraction** of the bag are **good** apples? Write your answer in the space below.

$$\frac{3}{7} \quad \square$$

$$\frac{3}{10} \quad \square$$

$$\frac{7}{10} \quad \square$$

$$\frac{7}{3} \quad \square$$

b) What **percentage of the apples are bad apples**? Write your answer in the space below.

_____ %

2. a) There are **8 bad apples** and **2 good apples** in a bag. What **fraction** of the bag are **bad** apples? Write your answer in the space below.

$$\frac{2}{10} \quad \square$$

$$\frac{4}{5} \quad \square$$

$$\frac{2}{8} \quad \square$$

$$\frac{3}{5} \quad \square$$

b) What **percentage of the apples are good apples**? Write your answer in the space below.

_____ %

3. a) There are **1 bad apple and 4 good apples** in a bag. What **fraction** of the bag are **good** apples? Write your answer in the space below.

$$\frac{1}{5} \quad \square$$

$$\frac{1}{4} \quad \square$$

$$\frac{8}{10} \quad \square$$

$$\frac{4}{1} \quad \square$$

b) What **percentage of the apples are bad apples**? Write your answer in the space below.

_____ %

4. a) There are **2 bad apples and 2 good apples** in a bag. What **fraction** of the bag are **bad** apples? Write your answer in the space below.

$$\frac{1}{2} \quad \square$$

$$\frac{2}{2} \quad \square$$

$$\frac{3}{4} \quad \square$$

$$\frac{2}{1} \quad \square$$

b) What **percentage of the apples are good apples**? Write your answer in the space below.

_____ %

5. a) There are **13 bad apples and 7 good apples** in a bag. What **fraction** of the bag are **good** apples? Write your answer in the space below.

$$\frac{13}{20} \quad \square$$

$$\frac{13}{7} \quad \square$$

$$\frac{7}{13} \quad \square$$

$$\frac{7}{20} \quad \square$$

b) What **percentage of the apples are bad apples**? Write your answer in the space below.

_____ %

6. a) There are **12 bad apples and 8 good apples** in a bag. What **fraction** of the bag are **bad** apples? Write your answer in the space below.

$$\frac{2}{5} \quad \square$$

$$\frac{6}{10} \quad \square$$

$$\frac{8}{10} \quad \square$$

$$\frac{8}{20} \quad \square$$

b) What **percentage of the apples are good apples**? Write your answer in the space below.

_____ %

7. a) There are **15 bad apples and 10 good apples** in a bag. What **fraction** of the bag are **good** apples? Write your answer in the space below.

$$\frac{1}{2} \quad \square$$

$$\frac{2}{5} \quad \square$$

$$\frac{10}{15} \quad \square$$

$$\frac{2}{3} \quad \square$$

b) What **percentage of the apples are bad apples**? Write your answer in the space below.

_____ %

8. a) There are **35 bad apples and 15 good apples** in a bag. What **fraction** of the bag are **bad** apples? Write your answer in the space below.

$$\frac{1}{3} \quad \square$$

$$\frac{15}{50} \quad \square$$

$$\frac{15}{35} \quad \square$$

$$\frac{7}{10} \quad \square$$

b) What **percentage of the apples are good apples**? Write your answer in the space below.

_____ %

9. a) There are **18 bad apples and 12 good apples** in a bag. What **fraction** of the bag are **good** apples? Write your answer in the space below.

$$\frac{6}{15} \quad \square$$

$$\frac{6}{9} \quad \square$$

$$\frac{12}{20} \quad \square$$

$$\frac{1}{3} \quad \square$$

b) What **percentage of the apples are bad apples**? Write your answer in the space below.

_____ %

10. a) There are **16 bad apples and 24 good apples** in a bag. What **fraction** of the bag are **bad** apples? Write your answer in the space below.

$$\frac{6}{10} \quad \square$$

$$\frac{3}{5} \quad \square$$

$$\frac{8}{20} \quad \square$$

$$\frac{2}{3} \quad \square$$

b) What **percentage of the apples are good apples**? Write your answer in the space below.

_____ %

11. a) There are **24 bad apples** and **36 good apples** in a bag. What **fraction** of the bag are **good** apples? Write your answer in the space below.

$$\frac{36}{24} \quad \square$$

$$\frac{3}{5} \quad \square$$

$$\frac{10}{15} \quad \square$$

$$\frac{24}{60} \quad \square$$

b) What **percentage of the apples are bad apples**? Write your answer in the space below.

_____ %

12. a) There are **32 bad apples** and **48 good apples** in a bag. What **fraction** of the bag are **bad** apples? Write your answer in the space below.

$$\frac{32}{48} \quad \square$$

$$\frac{3}{5} \quad \square$$

$$\frac{4}{10} \quad \square$$

$$\frac{18}{40} \quad \square$$

b) What **percentage of the apples are good apples**? Write your answer in the space below.

_____ %

Answers

- | | |
|------------|--------|
| 1. a) 7/10 | b) 30% |
| 2. a) 4/5 | b) 20% |
| 3. a) 8/10 | b) 20% |
| 4. a) 1/2 | b) 50% |
| 5. a) 7/20 | b) 65% |
| 6. a) 6/10 | b) 40% |
| 7. a) 2/5 | b) 60% |
| 8. a) 7/10 | b) 30% |
| 9. a) 6/15 | b) 60% |
| 10.a) 8/20 | b) 60% |
| 11.a) 3/5 | b) 40% |
| 12.a) 4/10 | b) 60% |