

LESSON 9-3

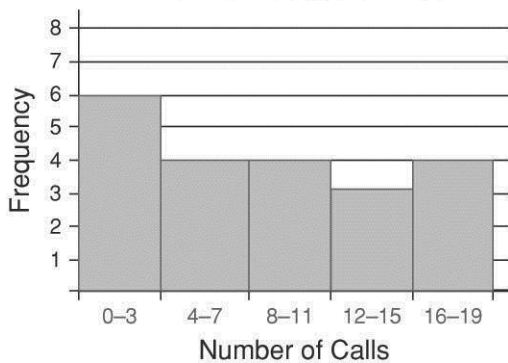
Practice and Problem Solving: A/B

1.

Frequency
6
4
4
3
4

2.

Fire and Rescue Service



3. 4-7, 8-11, 16-19

4. Estimate of mean:

$$\frac{1.5(6) + 5.5(4) + 9.5(4) + 13.5(3) + 17.5(4)}{21}$$

$$\approx 8.55. \text{ The actual mean is } \frac{179}{21} \approx 8.52.$$

The estimate is very close to the actual answer.

5. 38 °F

6. 20 °F

7. 50 °F is not an outlier. $Q3 = 46$ and $IQR = 12$. So, $50 < Q3 + 1.5(IQR)$.

LESSON 9-4

Practice and Problem Solving: A/B

1. 68.3%

2. 99.7%

3. 47.8%

4. 34.1%

5. 50%

6. 47.8%

7. 81.9%

8. 2.3%

9. 97.7%

10. 84.1%

11. 0.13%