

1. Correct Answer: Mean = 43.9, Median = 43.5, Mode = 37
2. Correct Answer: 2.18
3. Correct Answer: Median
4. Correct Answer: Mean = C, Median = A, Mode = B
5. Correct Answer: Mean, The prices for homes are quantitative data with no outliers.
6. Correct Answer: \$3.57
7. Correct Answer: The mean, median, and mode would all be tripled.
8. Correct Answer: Range: 11, Population variance: 9.7, Population standard deviation: 3.1
9. Correct Answer: Range: 0, Population variance: 0, Population standard deviation: 0
10. Correct Answer: True
11. Step 1 of 3:  
Correct Answer: 15.3  
  
Step 2 of 3:  
Correct Answer: 3.9  
  
Step 3 of 3:  
Correct Answer: 11
12. Correct Answer: False; since the standard deviation is an average distance and is computed from a square root, it cannot be negative.
13. Correct Answer: The standard deviation will be unaffected.
14. Correct Answer: 99.85%
15. Correct Answer: 68%
16. Correct Answer: 97.5%
17. Correct Answer: 2.5%

**18. Step 1 of 5:**

Correct Answer: True

**Step 2 of 5:**

Correct Answer: False

**Step 3 of 5:**

Correct Answer: True

**Step 4 of 5:**

Correct Answer: False

**Step 5 of 5:**

Correct Answer: \$31,000

**19. Step 1 of 5:**

Correct Answer: 14.1 minutes

**Step 2 of 5:**

Correct Answer: False

**Step 3 of 5:**

Correct Answer: 120

**Step 4 of 5:**

Correct Answer: False

**Step 5 of 5:**

Correct Answer: 30%

**20. Step 1 of 5:**

Correct Answer: \$237

**Step 2 of 5:**

Correct Answer: 0

**Step 3 of 5:**

Correct Answer: 0

**Step 4 of 5:**

Correct Answer: 6.4

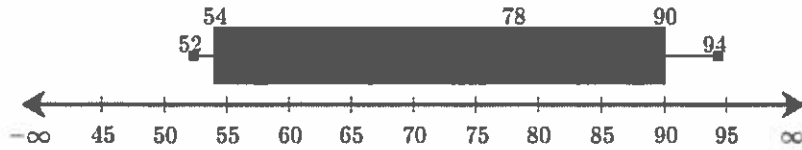
Step 5 of 5:

Correct Answer: 0.6

21. Correct Answer: 1, 9, 14.5, 16, 24

22. Correct Answer: 27

23. Correct Answer:



24. Step 1 of 2:

Correct Answer: Data Set A

Step 2 of 2:

Correct Answer: Data Set A

25. Correct Answer: The distribution of the data is skewed left.

26. Correct Answer: Kerri

27. Correct Answer: 25%

28. Step 1 of 3:

Correct Answer:  $Q_2 = 40$

Step 2 of 3:

Correct Answer:  $Q_1 = 28$

Step 3 of 3:

Correct Answer:  $Q_3 = 51$