

## Short Day Review

1. Answer the following ACE questions about the histograms on page 20.

19.

20.

21.

2. Answer the following ACE questions about the histogram and bar graph on page 21.

22.

23. **Graph A:** Title

**Graph B:** Title

Vertical axis label

Vertical axis label

Horizontal axis label

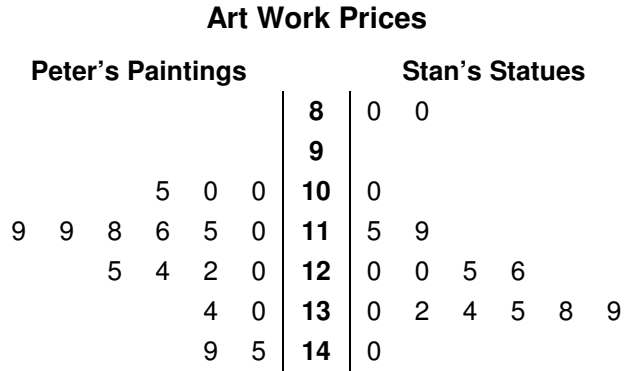
Horizontal axis label

24.

25.

3. The prices of artwork in two different art studios are shown in the back-to-back stem plot on the right.

Which art studio's prices are more expensive? Use data from the display to support your statement.



**Key:** 2 | 9 | 4 means  
\$92 for Peter's and \$94 for Stan's

4. Find the five-number summary for each data set.
- a. Ebay prices for pictures of Mr. Ohashi: \$9, \$9, \$10, \$12, \$15, \$15, \$15, \$18, \$22, \$25, \$25, \$50
- Min:                      LQ:                      Median:                      UQ:                      Max:

- b. Daily customers in a smoothie shop: 26, 28, 35, 39, 45, 49, 55, 58, 59, 62, 63, 66, 70, 75, 88
- Min:                      LQ:                      Median:                      UQ:                      Max:

5. Solve the following inequalities and graph each solution. Show your work.

a.  $\frac{x}{-5} - 8 > 3$

b.  $6x + 11 \leq -25$

c.  $\frac{x + 7}{-3} < 9$