

Homework: Review for Test 2(ch 10,11,12)

Save

Score: 0 of 1 pt

1 of 44 (0 complete) ▾ ▶

HW Score: 0%, 0 of 44 pts

10.2.A-2

Question Help

Make a pictograph to represent the categorical data in the table to the right. Use ☐ to represent 10 glasses of lemonade sold.

Glasses of Lemonade Sold		
Day	Tally	Frequency
Monday		25
Tuesday		30
Wednesday		20
Thursday		15
Friday		10

Choose the correct graph below.

☐ A.

Glasses Sold

M ☐☐

T ☐☐☐

W ☐

Th ☐☐☐

F ☐☐

☐ B.

Glasses Sold

M ☐☐☐

T ☐☐☐

W ☐☐

Th ☐☐

F ☐

☐ C.

Glasses Sold

M ☐

T ☐☐

W ☐☐☐

Th ☐

F ☐☐

☐ D.

Glasses Sold

M ☐

T ☐☐☐

W ☐☐☐

Th ☐

F ☐☐

Click to select your answer and then click Check Answer.

All parts showing

Clear All

Check Answer

?

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Score: 0 of 1 pt

2 of 44 (0 complete)

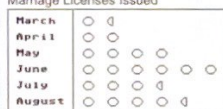
HW Score: 0%, 0 of 44 pts

Question Help

10.2-1

The graph below shows the number of marriage licenses issued over a six-month period. How many licenses were issued in July?

Marriage Licenses Issued



(Each circle represents 20,000 licenses.)

- ☐ A. 75,000
- ☐ B. 80,000
- ☐ C. 7,000
- ☐ D. 70,000

Click to select your answer and then click Check Answer.

All parts showing

Clear All

Check Answer

◀ ▶

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Score: 0 of 1 pt

3 of 44 (0 complete)

HW Score: 0%, 0 of 44 pts

10.2.A-7

Question Help



A company employs 20 people whose ages are listed on the right. Answer the following questions from the information given on the list.

a) Draw a stem-and-leaf plot for the data. Choose the correct answer below.

☐ 2|136778
3|66
4|137
5|13588
6|1136

☐ 2|13678
3|66
4|137
5|13588
6|136

21 43 28 55 27

36 26 51 63 61

23 47 61 58 36

41 27 53 66 58

Click to select your answer and then click Check Answer.

3 parts remaining

Clear All

Final Check



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Score: 0 of 1 pt

4 of 44 (0 complete)

HW Score: 0%, 0 of 44 pts

10.2.B-8

Question Help

The data below show the number of car thefts in a city for a period of 20 days. Complete parts (a) and (b) below.

50, 62, 69, 57, 51, 64, 55, 48, 72, 34
63, 54, 77, 66, 55, 46, 82, 77, 71, 76

a. Draw an ordered stem and leaf plot for the data.

Enter your answer in the edit fields and then click Check Answer.

1 part remaining

Clear All

Check Answer



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Score: 0 of 1 pt

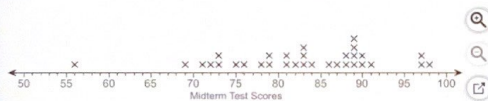
◀ 5 of 44 (0 complete) ▶

HW Score: 0%, 0 of 44 pts

10.2-7

Question Help

The midterm test scores for the seventh-period typing class are shown in the dot plot below. What are the low and high scores?



- ☐ A. The low score is 50. The high score is 100.
- ☐ B. The low score is 56. The high score is 98.
- ☐ C. The low score is 69. The high score is 98.
- ☐ D. The low score is 56. The high score is 89.

Click to select your answer and then click Check Answer.

All parts showing

Clear All

Check Answer

◀ ▶

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Score: 0 of 1 pt

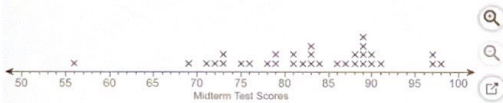
6 of 44 (0 complete)

HW Score: 0%, 0 of 44 pt

0.2-10

Question Help

The midterm test scores for the seventh-period typing class are shown in the dot plot below. What is the largest gap in scores, not including gaps between outliers?



- ☐ A. The largest gap is between 69 and 91.
- ☐ B. The largest gap is between 91 and 97.
- ☐ C. The largest gap is between 83 and 86.
- ☐ D. The largest gap is between 98 and 100.

Click to select your answer and then click Check Answer.

All parts showing

Clear All

Check Answer

Homework: Review for Test 2(ch 10,11,12)

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Score: 0 of 1 pt

7 of 44 (0 complete)

HW Score: 0%, 0 of 44 pts

10.2-14

Question Help

The weights (in pounds) of a group of high school students are listed in the stem-and-leaf plot on the right. What does 12 | 5 represent in the plot?

Stem	Leaves
9	8 9
10	1 4 6 7 8
11	0 2 4 4 6 8
12	3 5 8 9
13	0 0 2 4 6 7 8 9
14	1 2 2 2 5 7 8
15	1 6 7 9

- ☐ A. 12.5 pounds
- ☐ B. 125 pounds
- ☐ C. 512 pounds
- ☐ D. 60 pounds

Click to select your answer and then click Check Answer.

All parts showing

Clear All

Check Answer



Homework: Review for Test 2(ch 10,11,12)

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Score: 0 of 1 pt

8 of 44 (0 complete)

HW Score: 0%, 0 of 44 pts

10.2-15

Question Help

The weights (in pounds) of a group of high school students are listed in the stem-and-leaf plot on the right. What is the most frequent weight?

Stem	Leaves
9	8 9
10	1 4 6 7 8
11	0 2 4 4 6 8
12	3 5 8 9
13	0 0 2 4 6 7 8 9
14	1 2 2 2 5 7 8
15	1 6 7 9

- ☐ A. 159 pounds
- ☐ B. 142 pounds
- ☐ C. 114 pounds
- ☐ D. 99 pounds

Click to select your answer and then click Check Answer.

All parts showing

Clear All

Check Answer

?

Homework: Review for Test 2(ch 10,11,12)

Save

Score: 0 of 1 pt

◀ 9 of 44 (0 complete) ▶

HW Score: 0%, 0 of 44 pts

10.2-16

Question Help

The weights (in pounds) of a group of high school students are listed in the stem-and-leaf plot on the right. Which interval has the most students in it?

Stem	Leaves
9	8 9
10	1 4 6 7 8
11	0 2 4 4 6 8
12	3 5 8 9
13	0 0 2 4 6 7 8 9
14	1 2 2 2 5 7 8
15	1 6 7 9

- ☐ A. 110 – 119 pounds
- ☐ B. 90 – 99 pounds
- ☐ C. 130 – 139 pounds
- ☐ D. 140 – 149 pounds

Click to select your answer and then click Check Answer.

All parts showing

Clear All

Check Answer

◀ ▶ ?

Homework: Review for Test 2(ch 10,11,12)

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Score: 0 of 1 pt

◀ 10 of 44 (0 complete) ▶

HW Score: 0%, 0 of 44 pts

10.2-17

Question Help

The weights (in pounds) of a group of high school students are listed in the stem-and-leaf plot on the right. What is the difference between the lowest and highest weights?

Stem	Leaves
9	8 9
10	1 4 6 7 8
11	0 2 4 4 6 8
12	3 5 8 9
13	0 0 2 4 6 7 8 9
14	1 2 2 2 5 7 8
15	1 6 7 9

- ☐ A. 53 pounds
- ☐ B. 61 pounds
- ☐ C. 60 pounds
- ☐ D. 98 pounds

Click to select your answer and then click Check Answer.

All parts showing

Clear All

Check Answer

?

Homework: Review for Test 2(ch 10,11,12)

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Score: 0 of 1 pt

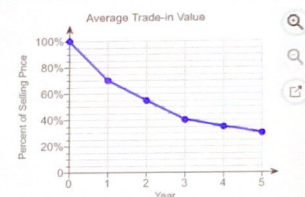
11 of 44 (0 complete)

HW Score: 0%, 0 of 44 pts

Question Help

10.3.A-1

The graph shows how the value of a car depreciates each year. This graph helps to find the trade-in value of a car for each of 5 years. The percents given in the graph are based on the selling price of the new car. Complete parts (a) through (d) below.



a. What is the approximate trade-in value of a \$13,000 car after 1 yr?

The trade-in value of a \$13,000 car after 1 yr is \$.

Enter your answer in the answer box and then click Check Answer.

3 parts remaining

Clear All

Check Answer

Homework: Review for Test 2(ch 10,11,12)

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Score: 0 of 1 pt

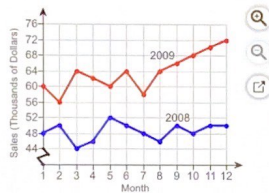
12 of 44 (0 complete)

HW Score: 0%, 0 of 44 pts

10.3-1

Question Help

The sales figures for a company are shown on the right in a line graph. Which month in 2008 had the lowest sales?



- ☐ A. Month 3
- ☐ B. Month 6
- ☐ C. Month 2
- ☐ D. Month 8

Click to select your answer and then click Check Answer.

All parts showing

Clear All

Check Answer

?

Homework: Review for Test 2(ch 10,11,12)

Save

Score: 0 of 1 pt

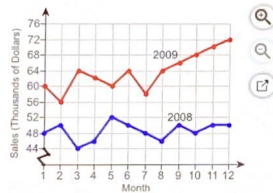
13 of 44 (0 complete)

HW Score: 0%, 0 of 44 p

10.3-2

Question Help

The sales figures for a company are shown on the right in a line graph. Which month in 2009 had the highest sales?



- ☐ A. Month 5
- ☐ B. Month 12
- ☐ C. Month 6
- ☐ D. Month 3

Click to select your answer and then click Check Answer.

All parts showing

Clear All

Check Answer

Homework: Review for Test 2(ch 10,11,12)

Save

Score: 0 of 1 pt

◀ 14 of 44 (0 complete) ▶

HW Score: 0%, 0 of 44 pts

10.4.A-4

☰ Question Help ⚙

The mean score on a set of 23 tests is 90. Suppose two more students take the test and score 68 and 61. What is the new mean?

The new mean is .
(Round to the nearest tenth.)

Enter your answer in the answer box and then click Check Answer.

All parts showing

Clear All

Check Answer

◀ ▶

?

Homework: Review for Test 2(ch 10,11,12)

Save

Score: 0 of 1 pt

15 of 44 (0 complete)

HW Score: 0%, 0 of 44 pts

10.4.A-14

Question Help

The youngest person in the company is 25 years old. The range of ages is 27 years. How old is the oldest person in the company?

The oldest person in the company is years old.

Enter your answer in the answer box and then click Check Answer.

All parts showing

Clear All

Check Answer

Homework: Review for Test 2(ch 10,11,12)

Save

Score: 0 of 1 pt

16 of 44 (0 complete)

HW Score: 0%, 0 of 44 pts

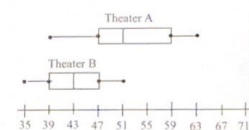
10.4.A-16

Question Help



To the right are box plots comparing the ticket prices of two performing arts theaters.

- What is the median ticket price for each theater?
- Which theater has the greatest range of prices?
- What is the highest ticket price at either theater?
- Make some statements comparing the ticket prices at the two theaters.



- a. The median ticket price for theater A is \$.

Enter your answer in the answer box and then click Check Answer.



4 parts remaining

Clear All

Check Answer

Homework: Review for Test 2(ch 10,11,12)

Save

Score: 0 of 1 pt

◀ 17 of 44 (0 complete) ▶

HW Score: 0%, 0 of 44 pts

10.4-4

Question Help

Find the mean, median, and mode of the following data. Round to the nearest tenth as needed.

Class sizes: 21, 7, 9, 10, 13, 21, 9, 21

- ☐ A. The mean is 13.9, the median is 11.5, and the mode is 21.
- ☐ B. The mean is 12, the median is 11.5, and the two modes are 9 and 21.
- ☐ C. The mean is 12, the median is 11.5, and the mode is 9.
- ☐ D. The mean is 14.6, the median is 11.5, and the two modes are 9 and 21.

Click to select your answer and then click Check Answer.

All parts showing

Clear All

Check Answer

◀ ▶

Homework: Review for Test 2(ch 10,11,12)

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Score: 0 of 1 pt

◀ 18 of 44 (0 complete) ▶

HW Score: 0%, 0 of 44 pts

10.4-28

Question Help

To get the best deal on a microwave oven, Jeremy called six appliance stores and asked the cost of a specific model. The prices he was quoted are listed below. Compute the range.

\$115 \$530 \$134 \$669 \$367 \$312

- ☐ A. \$178
☐ B. \$115
☐ C. \$530
☐ D. \$554

Click to select your answer and then click Check Answer.

All parts showing

Clear All

Check Answer



Homework: Review for Test 2(ch 10,11,12)

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Score: 0 of 1 pt

◀ 19 of 44 (0 complete) ▶

HW Score: 0%, 0 of 44 pts

10.4.A-24

Question Help

For certain workers, the mean wage is \$5.50/hr, with a standard deviation of \$0.25. If a worker is chosen at random, what is the probability that the worker's wage is between \$4.75 and \$6.25? Assume a normal distribution of wages.

The probability is
(Type an integer or decimal rounded to the nearest thousandth as needed.)

Enter your answer in the answer box and then click Check Answer.

All parts showing

Clear All

Check Answer

◀ ▶

?

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Save

Score: 0 of 1 pt

20 of 44 (0 complete)

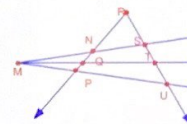
HW Score: 0%, 0 of 44 pts

11.1.A-3

Question Help

Name two rays that contain the following line segments.

- a. $\overline{QP}$
b. $\overline{TU}$

a. Select two rays that contain $\overline{QP}$.

- ☐ A. $\overrightarrow{RP}$
☐ B. $\overrightarrow{PU}$
☐ C. $\overrightarrow{MS}$
☐ D. $\overrightarrow{NP}$
☐ E. $\overrightarrow{TQ}$

Click to select your answer(s) and then click Check Answer.

1 part remaining

Clear All

Check Answer

Homework: Review for Test 2(ch 10,11,12)

Save

Score: 0 of 1 pt

21 of 44 (0 complete)

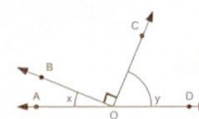
HW Score: 0%, 0 of 44 pts

11.1.A-17

Question Help

In parts (a) and (b) of the following figures, relationships among marked angles are given below the figure. Find the measure of the marked angles. In part (c), find only the measure of $\angle BOC$ and tell why the exact values of x and y cannot be determined.

a. $m(\angle AOB) = \square^\circ$ and $m(\angle COD) = \square^\circ$



$$m(\angle AOB) = \frac{1}{3}m(\angle COD)$$

Enter your answer in the edit fields and then click Check Answer.

3 parts remaining

Clear All

Check Answer

