Directions: Answer the following question(s).

1 The loan balances of four borrowers are described below.

- Ms. Kirk owes less than Ms. Acevedo.
- Ms. Morgan owes more than Ms. Acevedo but less than Ms. Gillis.

According to the two statements above, which table correctly represents the amounts owed by each borrower?

A.

Name	Amount Owed
Ms. Acevedo	$453.87
Ms. Kirk	$437.81
Ms. Gillis	$455.90
Ms. Morgan	$454.01

B.

Name	Amount Owed
Ms. Acevedo	$437.81
Ms. Kirk	$454.01
Ms. Gillis	$455.90
Ms. Morgan	$453.87

C.

Name	Amount Owed
Ms. Acevedo	$453.87
Ms. Kirk	$437.81
Ms. Gillis	$454.01
Ms. Morgan	$455.90

D.

Name	Amount Owed
Ms. Acevedo	$454.01
Ms. Kirk	$453.87
Ms. Gillis	$437.81
Ms. Morgan	$455.90

2 Buses are being chartered for a group of 400 passengers. Which statements about the number of buses and their capacity are true? Choose all that are correct.

A.   If the passengers will exactly fill 5 buses, each bus has a capacity of 80 passengers.

B.   If each bus holds 54 passengers, 7 buses are needed.

C.   If 5 buses are filled and a sixth bus holds 60 passengers, each bus has a capacity of 68 passengers.

D.   If each bus holds 70 passengers, at least 6 buses are needed.

| Directions: Answer the following question(s). |

3   Team Waukon is competing in a game show. In the first three rounds of the game, the team scored the points listed below.

12.1, 215.188, 41.75

What is the score so far for Team Waukon?

A.   219.484 points
B.   268.938 points
C.   269.038 points
D.   2,194.84 points

4   A scientist has 42.359 grams of copper. She uses 3.08 grams in an experiment. How many grams of copper are left?

A.   11.559 grams
B.   38.559 grams
C.   39.279 grams
D.   42.051 grams

5   What is the remainder for the quotient?

$$4916 \div 16 =$$

A.   1
B.   3
C.   4
D.   7

6   Determine if each comparison is true or false. Select True or False for each comparison.

	True	False
32,349.2 < 32,349.09	○	○
22.6 = 22.600	○	○
67.1 < 66.24	○	○

7   Multiply.

0.43 × 0.57 =

A.   24.51
B.   23.31
C.   0.2451
D.   0.2331

Directions: Answer the following question(s).

8 The Supply Station donated 115 notebooks to Mrs. Michale to give to her class. There are 28 students in her class. Mrs. Michale gives each student the same number of notebooks. How many notebooks does she give to each student?

A. 2

B. 3

C. 4

D. 5

9 Michael used a stopwatch to time the baseball pitches for three of his friends. The times are listed in the table.

PITCHING TIMES			
Pitcher	Pete	Ivan	KaShawn
Time (seconds)	0.537	0.580	0.499

Which list shows the friends in order from the shortest time to the longest time?

A.   Pete, Ivan, KaShawn

B.   KaShawn, Pete, Ivan

C.   KaShawn, Ivan, Pete

D.   Ivan, Pete, KaShawn

10 Last week, Thomas jogged a total of 35.209 miles on his treadmill. Two weeks ago, he jogged 38.074 miles.

How many fewer miles did Thomas jog last week than the week before?

A. 3.531

B. 3.275

C. 3.135

D. 2.865

11 A chemist compared the masses of two substances and wrote this inequality.

$$301.29 \text{ g} < 299.13 \text{ g}$$

Which statement about the comparison is valid?

A.   The statement is true, because 9.13 is greater than 1.29.

B.   The statement is false, because 301 is greater than 299.

C.   The statement is true, because 99 is greater than 1.

D.   The statement is false, because 0.29 is greater than 0.13.

Directions: Answer the following question(s).

12 | Samantha is using ribbon to make bows to be sold at a school fundraiser. She has 83.2 meters of ribbon. She needs 1.28 meters of ribbon for each bow. How many bows she can make?

A. 0.65

B. 6.5

C. 65

D. 650

13 | At the grocery store, Mr. Abroms saw eggplants that cost $1.79 each, apples that cost $0.59 each, bags of spinach that cost $2.55 each, and cartons of orange juice that cost $3.89 each.

Which of the statements below are true? Select all that apply.

A. The total cost of 4 eggplants, 4 apples, and 1 carton of orange juice is $13.41.

B. The total cost of 4 apples and 2 eggplants is more than $6.00.

C. Four eggplants cost about $0.50 less than 3 bags of spinach.

D. The total cost of 2 eggplants, 2 apples, and 2 cartons of orange juice is $9.99 more than the cost of 1 bag of spinach.

E. The cost of 5 eggplants is greater than the cost of 4 bags of spinach.

14 | Amount of Snowfall for January

Name of City	Snowfall in inches
Denver	10.95
Kansas City	11.05
Cleveland	11.10
Chicago	10.50

The amount of snowfall for four cities during the month of January is listed in the table above. Which city had the GREATEST amount of snowfall during January?

A. Denver

B. Kansas City

C. Cleveland

D. Chicago

15 | What is the product of these two numbers?

$$22.5 \times 3.32 =$$

A. 13.950

B. 74.700

C. 139.50

D. 747.00

Directions: Answer the following question(s).
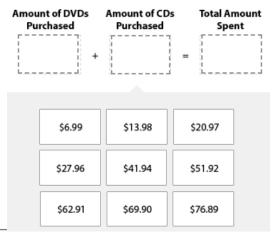
16 Which of these comparisons is true?

A. $78.791 = 78.761$

B. $8.932 > 86.422$

C. $714.212 < 67.673$

D. $870.195 > 724.908$

17 What is the sum of these decimal numbers?

$$
\begin{array}{r}
6.338 \\
2.705 \\
+4.099 \\
\hline
\end{array}
$$

A.   12.042

B.   12.142

C.   13.042

D.   13.142

18 Hank makes the following statement "When comparing two decimals, you only need to look at the final place value of each decimal."

Select ALL of the numbers that make the inequality true and shows Hank's statement is incorrect.

□ > 34.06

A.   18.058

B.   34.060

C.   35.13

D.   43.05

E.   54.06

19 Which of the following subtraction problems has a difference of 384.03? Select TWO that apply.

A. $1226.63 - 843.6$

B. $922.83 - 538.80$

C. $801.41 - 419.38$

D. $1104.45 - 720.42$

20 Alessandra wants to buy 3 DVDs that cost $13.98 each. She also wants to buy 4 CDs, each of which costs half as much as a DVD. Alessandra wants to know how much her purchases will total.

Drag and drop the correct values into the boxes to create the equation Alessandra can use to find the total amount she will spend.

Amount of DVDs Purchased		Amount of CDs Purchased		Total Amount Spent
[ ]	+	[ ]	=	[ ]

$6.99	$13.98	$20.97
$27.96	$41.94	$51.92
$62.91	$69.90	$76.89

Directions: Answer the following question(s).

21 Select all of the decimals that make the equation below true. $68.05 >$ ☐

    A. 68.049

    B. 68.012

    C. 68.3

    D. 68.1

    E. 680.2

    F. 68.006

Drag and drop the decimals being compared into the column with the correct symbol.

22

<	=	>

:: 0.742 ___ 0.746　　:: 1.35 ___ 1.34　　:: 0.910 ___ 0.912　　:: 0.87 ___ 0.870　　:: 3.472 ___ 3.427

23 What is the answer to this multiplication problem?

    A. 76.52

    B. 762.2

    C. 765.2

    D. 76.22

$$\begin{array}{r} 10.3 \\ \times\,7.4 \\ \hline \end{array}$$

24 Use the numbers below to perform the designated operations.

$$45.438$$
$$9.55$$

Use the drop-down menus to select the answers that make the statements true.

The sum of these decimals is ☐ ▼.

The difference between these decimals is ☐ ▼.

14.0938
35.888
36.128
44.483
46.393
54.988
55.988

25 Which of the following division problems has a quotient greater than 4000? Select two that apply.

A. $18,370 \div 5$

B. $36,981 \div 7$

C. $39,231 \div 9$

26 What is the quotient for the division problem? Show your work.

$$43.2222 \div 2.87 =$$