## Student Name:

## Class:

Date:

## Instructions:

Read each question carefully and circle the correct answer.

1. What is the value of z ?
$26.5=\mathrm{z}+(2.3+7.7)$
A. 2.65
B. $\quad 36.5$
C. $\quad 16.5$
D. $\quad 26.5$
2. What is the value of $m$ ?
$m-(15-4-2)=2$
A. 9
B. 7
C. 14
D. 11
3. What is the value of $m$ ?
$13.5=5.1-m-6.1$
A. 2.3
B. 24.6
C. -14.5
D. $\quad 24.7$
4. Solve for m .
$6 \mathrm{~m}=\frac{-1}{3}$
A. $\quad \mathrm{m}=2$
B. $\mathrm{m}=-2$
C. $m=-1 / 18$
D. $m=-18$
5. Solve for x .

$$
\frac{3}{5} x=-60
$$

A. $\mathrm{x}=100$
B. $x=-100$
C. $\quad \mathrm{x}=36$
D. $x=-36$
6. What is the value of $y$ ?
$4 y=48.16$
A. $\quad 12.4$
B. 192.64
C. $\quad 12.04$
D. $\quad 196.64$
7. A possible step toward solving these equations by addition could be:
$3 x-2 y=2$
$4 y+4 x=3$
A. adding 3 x and 4 x
B. solving for $x$ in the equation $2 x=1$
C. multiplying $3 x-2 y=2$ by 4 and $4 y+4 x=3$ by -3
D. multiplying $3 \mathrm{x}-2 \mathrm{y}=2$ by -2
8. Solve this system of equations.
$x=y+2$
$2 y-3 x=15$
A. $\mathrm{x}=11, \mathrm{y}=9$
B. $x=-7, y=-9$
C. $\quad x=23, y=21$
D. $x=-19, y=-21$
9. The first step toward solving these equations by addition could be:
$8 \mathrm{x}-3 \mathrm{y}=3$
$-2=2 x+2 y$
A. solving for y or x in one equation
B. subtracting $-2 x$ from $8 x$
C. adding -2 y to -3 y
D. multiplying $-2 \mathrm{x}-2 \mathrm{y}=2$ by 4
10. Cody worked 42.5 hours per week in July. This is 12.25 hours more per week than he worked in June.

How many hours did Cody work per week in June?
A. $\quad 3.47$ hours
B. 520.63 hours
C. $\quad 54.75$ hours
D. $\quad 30.25$ hours
11. Bryce drove 200 miles to his grandparents house. This is 50 miles more than three times the distance to his Aunt Lindsay's house. What is the distance to his Aunt Lindsay's house?
A. $\quad 50$ miles
B. 65 miles
C. 450 miles
D. $\quad 750$ miles
12. A car is driving at a rate of 61 miles per hour.

At this rate, how long will it take for the car to drive 323.3 miles?
A. 6 hours
B. $\quad 5.3$ hours
C. 2.65 hours
D. 2.62 hours
13.
is to as
 is to $\qquad$ .

## Choose one of the following

 to complete the sentence:
A. A
B. B
C. C
D. D
14.


Choose one of the following to complete the sentence.

| $\diamond$ | $\square$ | $\nabla$ | $\square$ |
| :---: | :---: | :---: | :---: |
| A | B | C | D |

A. A
B. B
C. C
D. D
15. Find the missing number.

97, 95, ? $, 91,89$
A. 94
B. 100
C. 93
D. 92
16. Examine Cheryl's solution.

1) $8 \mathrm{n} \leq 32$
2) $n \leq 4$
3) $\xlongequal{+}$|  |  | 1 | 1 | 9 | 1 | 1 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |

Where did Cheryl make an error?
A. She solved for n incorrectly in Step 1.
B. She should have used closed circles on her graph.
C. She should have shaded the opposite way to show that it is greater than.
D. She should have flipped the inequality sign in Step 2.
17. Choose the option which shows the inequality expressed on a number line.
$x<8$

A. A
B. B
C. C
D. D
18. What is the value of $\underline{n}$ in the given statement?
$8 \mathrm{n}<40$
A. $n<5$
B. $\mathrm{n} \leq 5$
C. $n>4$
D. $\quad \mathrm{n} \geq 4$
19. Seven students attended the music festival. Tickets to the music festival cost $\$ 3.50$ each. How much does it cost four people to attend the music festival?
A. $\$ 38.50$
B. $\$ 24.50$
C. $\$ 10.50$
D. $\$ 14.00$
20. Lydia weighs 7 times as much as Andre. Andre weighs half as much as Stephanie. Wendell weighs 88 pounds. Jillian weighs 158 pounds. Kyle weighs $1 / 5$ as much as Lydia. Stephanie weighs 78 pounds. How much does Kyle weigh?
A. $\quad 22.29$ pounds
B. $\quad 156$ pounds
C. $\quad 54.6$ pounds
D. $\quad 49.2$ pounds
21. There were 50 people at the birthday party. Joan invited 125 people. Of those who attended, only $36 \%$ brought gifts. How many guests brought gifts?
A. 125 people
B. 50 people
C. $\quad 18$ people
D. 32 people
22. Find the operational symbol.
$23 ? 64=1,472$
A. x
B. +
C. -
D. $\div$
23. Find the operational symbol.
$16 ? 13=208$
A. x
B. +
C. -
D. $\div$
24. Find the missing number.
$13+14=30-$ ?
A. 3
B. 27
C. 57
D. $\quad 17$
25. Heidi weighs 3 times more than Shelby. Shelby weighs half as much as Dennis. Dennis weighs 89 pounds. How much does Heidi weigh?
A. 445 pounds
B. $\quad 44.5$ pounds
C. $\quad 133.5$ pounds
D. 267 pounds
26. During the first 5 weeks of the cookie sale, Jill sold $\$ 578$ worth of cookies each week. During the final 4 weeks of the cookie sale, Jill sold $\$ 352$ worth of cookies each week. In total, how much did Jill sell?
A. $\$ 2,890$ worth of cookies
B. $\$ 1,482$ worth of cookies
C. $\$ 1,408$ worth of cookies
D. $\$ 4,298$ worth of cookies
27. One bookshelf holds 75 encyclopedia books. A set of encyclopedias contains 125 books. Hugo bought 3 sets of encyclopedias. How many shelves will Hugo need to hold his encyclopedia books?
A. 150 shelves
B. $\quad 15$ shelves
C. 375 shelves
D. 5 shelves
28. Round to the nearest cent when necessary.

Which of the following is the best price?
A. $\quad 11$ for $\$ 6.55$
B. $\quad 19$ for $\$ 9.87$
C. $\quad 35$ for $\$ 16.98$
D. 1 for $\$ 0.55$
29. Round to the nearest cent when necessary.

Stanley sells 99 pieces of gum for $\$ 5.65$.
How much does one piece of gum cost?
A. $\$ 0.05$
B. $\$ 0.06$
C. $\$ 0.63$
D. $\$ 0.57$
30. Round to the nearest cent when necessary.

14 bagels cost $\$ 4.98$.
How much does one bagel cost?
A. $\$ 0.36$
B. $\$ 0.42$
C. $\$ 1.25$
D. $\$ 0.12$
31.

A. 45
B. 15
C. 1
D. 3
32. Which symbol would make this proportion true?

| 3 |  | 8 |
| :--- | :--- | ---: |
| -- | $?$ | - |
| 7 |  | 18 |

A. =
B. $<$
C. $>$
33. Round your answer to the nearest hundredth when necessary.

To get a certain shade of purple, Ginnie needs to mix red paint with blue paint in the ratio of 6:7.
How many quarts of red paint does Ginnie need to mix with 11 quarts blue paint?
A. $\quad 12.83$ quarts
B. $\quad 462$ quarts
C. $\quad 9.43$ quarts
D. $\quad 0.08$ quarts
34. Which student won the election?

A. Pat
B. Jerry
C. Jen
D. Pat and Jen tied
35. How many more 9th grade students preferred cola than root beer?

A. 150 students
B. 200 students
C. 100 students
D. 50 students
36. How many students in the eighth grade voted for Jerry?

A. 40 students
B. 25 students
C. 60 students
D. 35 students
37. Use the graph to answer the question.


How many video games were sold in February?
A. 5
B. 10
C. 15
D. 25
38. Use the graph to answer the question.


In 1994, how many Raza-Ma-Taz Games were sold?
A. 30 million games
B. 3 million games
C. $\quad 1.5$ million games
D. $\quad 2.5$ million games
39. The Hawks and the Eagles are two hockey teams. This graph represents the attendance for each team. The attendance is given in thousands.


At Game 2, how many people were in attendance at the Hawks' game?
A. 25,000 people
B. 15,000 people
C. 10,000 people
D. 20,000 people
40. If you were to draw a card from a standard deck, what is the probability of drawing a 2 of spades?
A. $1 / 13$
B. $1 / 26$
C. $3 / 13$
D. $1 / 52$
41. If you were to draw a card from a standard deck, what is the probability of drawing a Jack?
A. $1 / 13$
B. $1 / 26$
C. $3 / 13$
D. $1 / 52$
42. There are 5 boys with blonde hair, 11 boys with brown hair, 6 boys with black hair, 3 boys with red hair, and 2 boys with green hair.

If you closed your eyes and picked 1 boy, what is the probability that you will pick a boy that does not have brown hair?
A. $\quad 111 / 27$
B. $11 / 27$
C. $16 / 27$
D. 0
43. Use the table to answer the question. Round to the nearest cent when necessary.

| Fencils | Fens | Folders | Binders |  |
| :---: | :---: | :---: | :---: | :---: |
| STORE A | 12 for $\$ 1.10$ | 12 for $\$ 1.50$ | 3 for $\$ 0.90$ | $\$ 1.59$ each |
| STORE B | 10 for $\$ 0.90$ | 10 for $\$ 1.25$ | 5 for $\$ 1.15$ | 2 for $\$ 3.00$ |
| STORE $C$ | 6 for $\$ 0.60$ | 6 for $\$ 0.90$ | $\$ 0.25$ each | 3 for $\$ 5.00$ |
| STORE D | 20 for $\$ 1.99$ | 20 for $\$ 2.99$ | 10 for $\$ 2.75$ | 10 for $\$ 9.99$ |
| STORE E | $\$ 0.10$ each | $\$ 0.15$ each | 15 for $\$ 3.75$ | 5 for $\$ 5.00$ |
| STORE F | 5 for $\$ 0.50$ | 5 for $\$ 0.75$ | 2 for $\$ 0.45$ | 6 for $\$ 6.25$ |

Which store is the most expensive for one folder?
A. store D
B. store A
C. store E
D. store C
44. Use the table to answer the question. Round to the nearest cent when necessary.

| Fencils | Fens | Folders | Einders |  |
| :---: | :---: | :---: | :---: | :---: |
| STORE A | 12 for $\$ 1.10$ | 12 for $\$ 1.50$ | 3 for $\$ 0.90$ | $\$ 1.59$ each |
| STORE B | 10 for $\$ 0.90$ | 10 for $\$ 1.25$ | 5 for $\$ 1.15$ | 2 for $\$ 3.00$ |
| STORE C | 6 for $\$ 0.60$ | 6 for $\$ 0.90$ | $\$ 0.25$ each | 3 for $\$ 5.00$ |
| STORE D | 20 for $\$ 1.99$ | 20 for $\$ 2.99$ | 10 for $\$ 2.75$ | 10 for $\$ 9.99$ |
| STORE E | $\$ 0.10$ each | $\$ 0.15$ each | 15 for $\$ 3.75$ | 5 for $\$ 5.00$ |
| STORE F | 5 for $\$ 0.50$ | 5 for $\$ 0.75$ | 2 for $\$ 0.45$ | 6 for $\$ 6.25$ |

Which store is the least expensive for one pencil?
A. store D
B. store C
C. store B
D. store F
45. Use the table to answer the question. Round to the nearest cent when necessary.

|  | Pencils | Pens | Folders | Einders |
| :---: | :---: | :---: | :---: | :---: |
| STORE A | 12 for \$1.10 | 12 for ${ }^{\text {c }} 1.50$ | 3 for $\$ 0.90$ | \$1.59 each |
| STORE E | 10 for $\mathbf{\$ 0} 90$ | 10 for $\$ 1.25$ | 5 for ${ }^{\text {¢ }} 1.15$ | 2 for $\$ 3.00$ |
| STORE C | 6 for 10.60 | 6 for $\$ 0.90$ | \$0.25 each | 3 for \$5.00 |
| STORED | 20 for 11.99 | 20 for $\$ 2.99$ | 10 for $\$ 2.75$ | 10 for $\$ 9.99$ |
| STORE E | \$0.10 est | \$0.15 each | 15 for ${ }^{\text {c }}$ S 3.5 | 5 for $\$ 5.00$ |
| STORE F | 5 for 90.50 | 5 for $\$ 0.75$ | 2 for \$0.45 | 6 for 96.25 |

How much more is one folder at Store A than at Store E?
A. $\$ 0.05$
B. $\$ 0.01$
C. $\$ 0.03$
D. The item is the same price at both stores.
46. Find the value of the ? in the given statement.
$98,000=9.8 \times 10^{7}$
A. -5
B. -4
C. 5
D. 4
47. Find the value of the ? in the given statement.
$9.8 \times 10^{5}=?$
A. 98,000
B. 980,000
C. $9,800,000$
D. 980
48. Find the value of the ? in the given statement.
$0.005=5 \times 10^{?}$
A. 4
B. 2
C. -2
D. -3
49. $\angle \mathrm{AEC}$ and $\angle \mathrm{CED}$ are supplementary. $\angle \mathrm{CED}$ is equal to $62^{\circ}$.


What is the measure of $\angle \mathrm{AEC}$ ?
A. $\quad 28^{\circ}$
B. $152^{\circ}$
C. $118^{\circ}$
D. $124^{\circ}$
50. Which of the following is the measure of a right angle?
A. $180^{\circ}$
B. $\quad 90^{\circ}$
C. $0^{\circ}$
D. $45^{\circ}$
51. Which of the following is the measure of an acute angle?
A. $\quad 94^{\circ}$
B. $179^{\circ}$
C. $\quad 91^{\circ}$
D. $\quad 44^{\circ}$
52. These two triangles are congruent.


What is the measure of $\angle \mathrm{DFE}$ ?
A. $119^{\circ}$
B. $58^{\circ}$
C. $\quad 61^{\circ}$
D. $122^{\circ}$
53. These two triangles are congruent.


What is the measurement of $\angle \mathrm{QOP}$ ?
A. $43^{\circ}$
B. $90^{\circ}$
C. $\quad 47^{\circ}$
D. $\quad 37^{\circ}$
54. These two triangles are congruent.


What is the measure of $\angle \mathrm{BAC}$ ?
A. $58^{\circ}$
B. $61^{\circ}$
C. $119^{\circ}$
D. $177^{\circ}$
55. What is the name of the figure?

A. cylinder
B. sphere
C. cone
D. triangular prism
56. A pentagonal prism has 7 faces.

How many vertices does it have?
A. 15 vertices
B. 14 vertices
C. 7 vertices
D. 10 vertices
57. A rectangular pyramid has 5 faces.

How many edges does it have?
A. 15 edges
B. 8 edges
C. 5 edges
D. 25 edges
58. Holly, Pedro, Oliver, Chris, and Tammy drew different geometric figures: a circle, a pentagon, a trapezoid, a hexagon, and an octagon. No person's name begins with the same first letter as that person's drawing. Chris, Pedro, and Tammy drew figures with more than 4 sides. Chris' drawing has the most sides. Oliver's drawing has exactly one pair of parallel lines.

What did Chris draw?
A. circle
B. octagon
C. hexagon
D. pentagon
59. Felix, Amy, Ruth, Kelsey, and Heather have different part-time jobs: fast food, a hair salon, a gas station, the zoo, and Aquatic World. No person's name begins with the same first letter as that person's job. Felix and Heather do not like animals. Kelsey comes home from work smelling like gasoline.

Where does Amy work?
A. fast food
B. a hair salon
C. the zoo
D. Aquatic World
60. Holly, Pedro, Oliver, Chris, and Tammy drew different geometric figures: a circle, a pentagon, a trapezoid, a hexagon, and an octagon. No person's name begins with the same first letter as that person's drawing. Chris, Pedro, and Tammy drew figures with more than 4 sides. Chris' drawing has the most sides. Oliver's drawing has exactly one pair of parallel lines.

Which person drew the pentagon?
A. Pedro
B. Tammy
C. Chris
D. Oliver
61. In the figure below, how many diagonals can be drawn from vertex D ?

A. two
B. three
C. four
D. five
62. What is the value of y in the parallelogram?

A. $\quad 146 \mathrm{~m}$
B. 17 m
C. $\quad 19 \mathrm{~m}$
D. $\quad 15 \mathrm{~m}$
63. What type of polygon is ABCFED?

A. pentagon
B. hexagon
C. octagon
D. decagon
64. Choose the coordinates of the point that is the reflection over the $x$-axis of the point $A(5,-1)$.
A. $(5,1)$
B. $(-5,1)$
C. $(-5,-1)$
D. $(5,-1)$
65. Choose the coordinates of the point that is the reflection over the $x$-axis of the point $Q(6,3)$.
A. $(-6,3)$
B. $(-6,-3)$
C. $(6,-3)$
D. $(6,3)$
66. The equations of a translation are $x^{\prime}=x-4$ and $y^{\prime}=y+3$. What is the translation of point $A$ $(-3,2)$ ?
A. $(-7,5)$
B. $(-1,5)$
C. $(-2,0)$
D. $(-1,-1)$
67. If point Q was reflected about the $y$-axis, what would be its new coordinates?

A. $(6,4)$
B. $(-6,4)$
C. $(6,-4)$
D. $(-6,-4)$
68. What will the coordinates of point L be if figure LMJK is rotated around point H so that point J is at $(4,4)$ ?

A. $(4,0)$
B. $(2,2)$
C. $(6,2)$
D. $(4,4)$
69. The line of symmetry for figure $A B C D$ is line $B C$. What is the reflection point of point $A$ ?

A. $(-5,3)$
B. $(-5,4)$
C. $(-1,3)$
D. $(5,3)$
70. Choose the best estimate for the length of a dog.
A. $\quad 2.5 \mathrm{~cm}$
B. $\quad 2.5 \mathrm{~km}$
C. 2.5 in
D. $\quad 2.5 \mathrm{ft}$
71. Choose the best estimate for the thickness of a textbook.
A. $\quad 1.5$ in
B. $\quad 1.5 \mathrm{~mm}$
C. $\quad 1.5 \mathrm{~km}$
D. $\quad 1.5 \mathrm{ft}$
72. Choose the measurement that is the most precise.
A. $\quad 34.2 \mathrm{~mm}$
B. $\quad 3.4 \mathrm{~cm}$
C. $\quad 3.4 \mathrm{~m}$
D. They are all of equal precision.
73. Find the area:

A. $\quad 351.4$ square meters
B. $\quad 7,717.56$ square meters
C. $\quad 702.8$ square meters
D. $3,858.78$ square meters
74. Find the area:

A. 80.64 square centimeters
B. 52.886 square centimeters
C. 40.32 square centimeters
D. 26.443 square centimeters
75. Find the area:

A. 83.6 square centimeters
B. 41.8 square centimeters
C. $\quad 199.8$ square centimeters
D. $\quad 399.6$ square centimeters
76. 3.2 miles $=$ ? $y d$
A. 16,896
B. $\quad 115.2$
C. 1,686
D. 5,632
77. $17,600 \mathrm{yd}=$ ? miles
A. $\quad 0.5 \mathrm{mi}$
B. $\quad 1 \mathrm{mi}$
C. $\quad 100 \mathrm{mi}$
D. $\quad 10 \mathrm{mi}$
78. $\quad 370 \mathrm{~cm}=$ ? dm
A. 0.037
B. 0.37
C. 37
D. $\quad 3.7$
79. Which of the following is the best unit of measure for a glass of water?
A. milligram
B. hectoliter
C. milliliter
D. kilogram
80. 0.5 ton $=$ ? $g$
A. 0.005
B. 5
C. 5,000
D. 500,000
81. $\quad 0.2 \mathrm{mg}=$ ? g
A. 0.2
B. 0.02
C. 0.0002
D. 0.002
82. What is the perimeter of the figure?

A. $\quad 221 / 8$
B. $\quad 121 / 8$
C. $\quad 241 / 8$
D. $\quad 141 / 8$
83. Sunjung and Dave built a square sandbox for the neighborhood kids. One side of the sandbox is 15 feet long.

What is the perimeter of the sandbox?
A. 60 feet
B. 225 feet
C. 120 feet
D. 45 feet
84. What is the perimeter of the figure?

A. $\quad 187.9 \mathrm{~m}$
B. $\quad 82.95 \mathrm{~m}$
C. $\quad 93.95 \mathrm{~m}$
D. $\quad 165.9 \mathrm{~m}$
85. This is the layout of the McDougal's backyard. The scale is 1 centimeter to 5 meters. The actual area of the deck is 350 square meters. The length of the deck is 35 meters.


What is the area of the deck on the layout?
A. 14 square centimeters
B. $\quad 87.5$ square centimeters
C. $\quad 17.5$ square centimeters
D. 70 square centimeters
86. This is a scale drawing of Lincoln Junior High School.
$=3.5$ incthes

The scale used is 3.5 inches equals 7 feet. What is the actual length of the library?
A. 28 feet
B. 98 feet
C. 14 feet
D. 24.5 feet
87. This is the layout of the McDougal's backyard. The scale is 1 centimeter to 5 meters. The actual area of the pool is 375 square meters. The length of the pool is 25 meters.


What is the area of the pool on the layout?
A. $\quad 93.75$ square centimeters
B. 15 square centimeters
C. $\quad 18.75$ square centimeters
D. 75 square centimeters
88. On Saturday, the low temperature was $-14^{\circ} \mathrm{C}$ and the high temperature was $-3^{\circ} \mathrm{C}$.

What was the temperature range for Saturday?
A. $\quad 17^{\circ} \mathrm{C}$
B. $\quad 11^{\circ} \mathrm{C}$
C. $\quad 4^{\circ} \mathrm{C}$
D. $\quad 42^{\circ} \mathrm{C}$
89. In July, the high temperature was $32^{\circ} \mathrm{C}$. The low temperature was $24^{\circ} \mathrm{C}$.

What was the mean temperature for the month of July?
A. $\quad 56^{\circ} \mathrm{C}$
B. $\quad 8^{\circ} \mathrm{C}$
C. $\quad 28^{\circ} \mathrm{C}$
D. $\quad 16^{\circ} \mathrm{C}$
90. On Wednesday, the temperature was $3^{\circ} \mathrm{C}$. The temperature dropped $9^{\circ} \mathrm{C}$ on Thursday.

What was the temperature on Thursday?
A. $\quad-6^{\circ} \mathrm{C}$
B. $\quad 12^{\circ} \mathrm{C}$
C. $\quad 6^{\circ} \mathrm{C}$
D. $-12^{\circ} \mathrm{C}$
91. Solve:
$\underline{?} \mathrm{~km}=937 \mathrm{~m}$
Hint:

> 1 kilometer $(\mathrm{km})=1,000$ meters $(\mathrm{m})$
> 1 hectometer $(\mathrm{hm})=100$ meters
> 1 dekameter $(\mathrm{dam})=10$ meters
A. 97,300
B. 9,370
C. 0.937
D. 9.37
92. Solve:
$5 \mathrm{~m}=? \mathrm{~cm}$
Hint:
1 meter $=10$ decimeters (dm)
1 meter $=100$ centimeters (cm)
1 meter $=1,000$ millimeters $(\mathrm{mm})$
A. 50
B. 500
C. 5,000
D. 50,000
93. Solve:
$9.63 \mathrm{~m}=\underline{?} \mathrm{~cm}$
Hint:

$$
\begin{aligned}
& 1 \text { meter }=10 \text { decimeters }(\mathrm{dm}) \\
& 1 \text { meter }=100 \text { centimeters }(\mathrm{cm}) \\
& 1 \text { meter }=1,000 \text { milimeters }(\mathrm{mm})
\end{aligned}
$$

A. 963
B. 9.63
C. 96,300
D. 9,630
94. Find the volume of the block.

A. $\quad 47.19$ cubic meters
B. 18 cubic meters
C. $\quad 32.96$ cubic meters
D. $\quad 94.38$ cubic meters
95. What is the volume of a block that is 3 meters long, 2 meters wide and 1.5 meters high?
A. 6.5 cubic meters
B. 8 cubic meters
C. 9.5 cubic meters
D. 9 cubic meters
96. What is the volume of a block that is 4 centimeters long, 10 centimeters wide and 3.4 centimeters high?
A. 108 cubic centimeters
B. 136 cubic centimeters
C. $\quad 17.4$ cubic centimeters
D. 43.3 cubic centimeters
97. Which of the following could be the value of $y$ ?

$$
6.25=y
$$

A. $6.25 \%$
B. $62.5 \%$
C. $625 \%$
D. $0.0625 \%$
98. Which of the following number sentences is true?
A. $\quad 0.5>1 / 2$
B. $-2 / 5=5 / 2$
C. $3 / 4=0.75$
D. $10 / 2<5$
99. Which of the following statements is true?
A. $\quad 19.9<20.1$
B. $\quad 5.01>5.1$
C. $\quad 7.25<71 / 4$
D. $1 / 2>2 / 4$
100. Which of the following is another way to write $35 \%$ ?
A. $\quad 3.5$
B. 0.35
C. $35 / 10$
D. $35 / 10$
101. Which of the following is another way to write 0.59 .
A. $59 \%$
B. $5.9 \%$
C. $590 \%$
D. $0.59 \%$
102. Which of the following is another way to write $72 \%$ ?
A. $\quad 71 / 5$
B. $\quad 7.2$
C. $18 / 25$
D. 0.072
103. Round $132,236.78934$ to the nearest thousandth.
A. $132,236.789$
B. 132,000
C. $\quad 132.236 .80$
D. 132.236 .790
104. Round 678.374387 to the nearest ten thousandth.
A. 678.370
B. 678
C. 678.37439
D. 678.3744
105. Round 62.58912 to the nearest hundredth.
A. 62.589
B. 63
C. 62.59
D. 60
106. Amaya is the entertainment writer for the school paper. She is allowed to use 2 pages for her articles. There are 30 lines of type on each page. The sports section is 3 pages long. The average line contains 15 words. How many words are there in Amaya's entertainment section?
A. 120 words
B. 900 words
C. 1350 words
D. 150 words
107. It takes Janet 10 minutes to walk $1 / 2$ of a mile. How much time will Janet spend walking this week if she walks 5 miles every day (Sunday - Saturday)? Choose the best answer.
A. 107,100 seconds
B. 1 day, 5 hours, and 45 minutes
C. 29 hours and 45 minutes
D. 700 minutes
108. Which word best describes the following: $2 \mathrm{x}, 4 \mathrm{x}, 8 \mathrm{x}$ ?
A. Like terms
B. Constants
C. Variables
D. Unlike terms
109. Find the greatest common factor of 45 and 66 .
A. 6
B. 9
C. 5
D. 3
110. Which of the following numbers is not evenly divisible by 11 ?
A. 99
B. 110
C. 264
D. 111
111. Find the common factors of 18 and 24.
A. $4,8,9,12,18,24$
B. $3,4,6,8$
C. $\quad 1,2,3,6$
D. $1,18,24$
112. What does the digit 7 mean in $7,234,223$ ?
A. 7 thousands
B. 7 hundreds
C. 7 billions
D. 7 millions
113. What does the digit 2 mean in $958,002,595,369$ ?
A. 2 hundred thousands
B. 2 millions
C. 2 ten millions
D. 2 billions
114. What does the digit 3 mean in $\underline{3} 26,879,175$ ?
A. 3 hundreds
B. 3 thousands
C. 3 hundred thousands
D. 3 hundred millions
115. Identify the following number as either prime or composite. 51
A. prime
B. composite
116. Identify the following number as either prime or composite.

59
A. prime
B. composite
117. Which of the following shows 24 as a sum of prime numbers?
A. $20+4$
B. $9+10+5$
C. $5+19$
D. $20+2+2$

