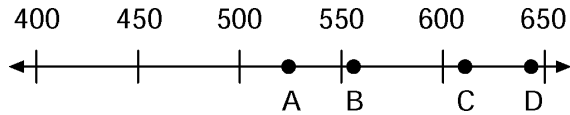


Summer Homework Part I

Name: _____

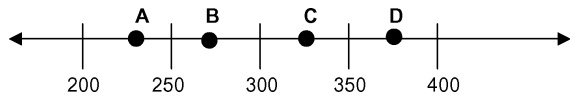
Date: _____

1. The number 615 would be *closest* to which point marked on the number line?



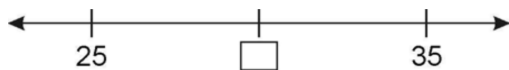
- A. A B. B C. C D. D

2. The number 385 would be *closest* to which point marked on the number line?



- A. A B. B C. C D. D

3. Use the number line below to answer the question that.



Which number belongs in the box?

- A. 26 B. 30 C. 33 D. 40

4. The table below shows the number of minutes 4 students used the computer.

Computer Time

Student	Number of Minutes
Gary	155
Rachel	191
Lowell	119
Libby	187

Which list shows the number of minutes from least to greatest?

- A. 119, 155, 187, 191 B. 119, 155, 191, 187
C. 119, 191, 155, 187 D. 191, 155, 187, 119

5. The table below shows the final scores of 2 basketball games at 4 high schools.

BASKETBALL SCORES

High School	Game 1	Game 2
Harbor	63	66
Larson	67	65
Central	65	63
Eastside	71	60

Which of the following lists the high schools in order from the school with the *highest total* score to the school with the *lowest total* score?

- A. Harbor, Central, Eastside, Larson
B. Larson, Eastside, Harbor, Central
C. Harbor, Central, Larson, Eastside
D. Larson, Eastside, Central, Harbor

6. The table below shows the numbers of minutes four basketball players played last week.

Playing Time

Player	Minutes Played
Holly	165
Jamie	120
Dan	156
Steve	103

Which list shows the numbers of minutes played in order from *least* to *greatest*?

- A. 103, 120, 156, 165 B. 103, 120, 165, 156
C. 165, 120, 156, 103 D. 120, 103, 165, 156

7. Which list of numbers is in order from *greatest* to *least*?

- A. 5,846 5,684 5,648 5,468
B. 5,864 5,648 5,468 5,684
C. 5,468 5,648 5,684 5,846
D. 5,486 5,846 5,648 5,464

8. The table below shows the area of four large shopping malls.

Areas of Malls

Malls	Area (in square feet)
Del Amo Fashion Center	3,000,000
Mall of America	4,200,000
West Edmonton Mall	5,300,000
Woodfield Mall	2,300,000

Which of the following statements correctly compares the areas of two of the malls?

- A. West Edmonton Mall > Mall of America
B. West Edmonton Mall < Woodfield Mall
C. Del Amo Fashion Center > Mall of America
D. Del Amo Fashion Center < Woodfield Mall

9. Which numbers are in order from *least* to *greatest*?

- A. 1,271 B. 1,354
1,354 1,432
1,432 1,271
C. 1,271
1,432
1,354

10. Write a subtraction fact that is related to the following addition problems.

- a) $3 + 7 = 10$
b) $5 + 7 = 12$

11. Write the related addition fact to the following subtraction problems.

a) $16 - 9 = 7$

b) $13 - 8 = 5$

12. Solve the expression:

10 less than 87 is _____

13. Solve the expression:

100 more than 653 is _____

14. Use the equation below to answer the question.

$$6 \times 4 = 24$$

Which statement is correct?

- A. 4 is 6 times as many as 24
- B. 6 is 4 times as many as 24
- C. 4 is 24 times as many as 6
- D. 24 is 4 times as many as 6

15. Which of these equations shows that 63 is 9 times as many as 7?

A. $9 + 7 = 16$

B. $9 \times 7 = 63$

C. $9 \div 63 = 7$

D. $9 \times 63 = 7$

16. Trevor had cookies that he wanted to put into bags. He wanted to put 4 cookies into each bag. Trevor used the number sentence below to find the number of bags he would need.

$$56 \div 4 = 14$$

In the number sentence, what does the number 56 represent?

- A. the number of bags
- B. the number of cookies
- C. the number of students buying cookies
- D. the number of cookies in each bag

17. Shelia wants to put 12 stickers on her paper.

Which of the following is one way that she can arrange the 12 stickers on her paper?

- A. 3 rows of 3 stickers
- B. 3 rows of 6 stickers
- C. 4 rows of 2 stickers
- D. 4 rows of 3 stickers

18. Look at the equation below.

$$8 \times 3 = 24$$

Which of these can be modeled using the equation?

- A. Paul is 8 years old. His sister is 3 times as old as Paul is. Paul's sister is 24 years old.
- B. Dottie buys 8 stickers. Her brother buys 3 stickers. Dottie and her brother together have 24 stickers.
- C. Matt has 24 pieces of candy. His sister eats 8 pieces of the candy. Matt has 3 pieces of candy remaining.
- D. Jenny reads 3 books. Her brother reads 8 more books than Jenny reads. Jenny and her brother together read 24 books.

19. Cindy counted the number of leaves on 5 plants. She counted 6 leaves on each plant. She wrote it like this:

$$6 + 6 + 6 + 6 + 6$$

What is another way to write the number of leaves on each plant?

- A. $6 + 6$ B. $6 + 5$ C. 6×6 D. 6×5

20. Ben adds groups of students as shown below.

$$8 + 8 + 8$$

Which number sentence is the same as the addition problem?

- A. $3 + 8$
- B. 3×8
- C. $8 \times 8 \times 8$
- D. $3 + 3 + 3 + 3 + 3 + 3$

21. Tickets for a high school's basketball game cost \$3. Tina bought 5 tickets. She calculated the total cost as 5×3 . Which is another way Tina could calculate the total cost of 5 tickets?

- A. $5 + 3$ B. $5 - 3$
C. $3 + 3 + 3 + 3 + 3$ D. $5 + 5 + 5 + 5 + 5$

22. Which of the following has the same value as the problem in the box below?

3×7

- A. $3 + 7$
- B. $7 \times 7 \times 7$
- C. $7 + 7 + 7$
- D. $3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3$

23. Which is the same as 4×7 ?

- A. 47 B. $4 + 7$
C. $7 + 7 + 7 + 7$ D. 74

24. Which is another way of writing $6 + 6 + 6 + 6 + 6$?

- A. 5×6 B. 5×5 C. 6×4

25. Which expression is equal to 4×3 ?

- A. $3 + 3 + 3 + 3$ B. $4 + 4 + 4 + 4$
C. $6 + 6 + 6 + 6$

26. Which is the same as 7×4 ?

- A. $7 + 4$ B. $7 + 7 + 7 + 7$
C. $7 + 4 + 7 + 4$ D. $7 \times 7 \times 7 \times 7$

27. Do not compute this problem. Estimate this product using front end estimation.

$$44 * 3 =$$

- A. 120 B. 132 C. 150 D. 200

28. Estimate this product by using multiplying by the powers of ten.

$$7 * 30 =$$

- A. 2100 B. 300 C. 200 D. 0

29. Multiply.

$$\begin{array}{r} 62 \\ \times 7 \\ \hline \end{array}$$

30. Multiply.

$$\begin{array}{r} 31 \\ \times 5 \\ \hline \end{array}$$

31. Multiply.

$$\begin{array}{r} 63 \\ \times 9 \\ \hline \end{array}$$

32. Multiply.

$$\begin{array}{r} 25 \\ \times 7 \\ \hline \end{array}$$

33. Multiply.

$$\begin{array}{r} 54 \\ \times 6 \\ \hline \end{array}$$

34. Multiply.

$$\begin{array}{r} 77 \\ \times 3 \\ \hline \end{array}$$

35. Multiply.

$$\begin{array}{r} 38 \\ \times 2 \\ \hline \end{array}$$

36. Multiply.

$$\begin{array}{r} 96 \\ \times 4 \\ \hline \end{array}$$

37. Multiply.

$$\begin{array}{r} 31 \\ \times 6 \\ \hline \end{array}$$

38. Multiply.

$$\begin{array}{r} 66 \\ \times 2 \\ \hline \end{array}$$

39. Multiply.

$$\begin{array}{r} 83 \\ \times 3 \\ \hline \end{array}$$

40. Which choice shows a way to find the value of $4 \times 8 \times 3$?

- A. 7×8 B. 12×8 C. 32×24

41. Find the exact answer: $4 \times 25 \times 9$

- A. 90 B. 100 C. 360 D. 900

42. What is 90×4000 ?

- A. 3,600 B. 36,000
C. 360,000 D. 3,600,000

43. What is the product of 8 and 9?

- A. 17 B. 54 C. 63 D. 72

44. Multiply:

$$368 \times 47$$

- A. 4,048 B. 14,546
C. 16,996 D. 17,296

45. Sandy solved the problem below in her math class.

$$\begin{array}{r} 78 \\ \times 15 \\ \hline 390 \\ + 780 \\ \hline 1170 \end{array}$$

What is another way that Sandy could solve the problem?

- A. Sandy can determine 78×10 , then add that to 78×5 .
B. Sandy can determine 70×10 , then add that to 8×5 .
C. Sandy can determine 78×10 , then add that to 5×10 .
D. Sandy can determine 70×10 , then add that to 15×10 .

46. Mrs. Johnson drove 54 miles a day for 12 days. To determine the total number of miles Mrs. Johnson drove, you could

- A. add 54 to 12
B. subtract 12 from 54
C. multiply 54 by 12
D. divide 54 by 12

47. Sheila put a new lightbulb into a light socket. The lightbulb was on for 24 hours a day and burned out after 1,806 hours. Sheila did the work below to determine how many days the lightbulb lasted.

$$\begin{array}{r} 75 \\ 24 \overline{) 1,806} \\ \underline{-168} \downarrow \\ 126 \\ \underline{-120} \\ 6 \end{array}$$

Sheila needs to finish the calculation to find how long, in days, the lightbulb lasted. Which statement about Sheila's calculations is true?

- A. Sheila completed the calculation by subtracting $24 - 6$ to get 18 and found that the lightbulb lasted 75.18 days.
- B. Sheila completed the calculation by dividing $6 \div 24$ to get 0.25 and found that the lightbulb lasted 75.25 days.
- C. Sheila completed the calculation by dividing $24 \div 6$ to get 4 and found that the lightbulb lasted 75.4 days.
- D. Sheila completed the calculation by adding on 0.6 of a day since the remainder is 6 and found that the light bulb lasted 75.6 days.

48. Which pair of expressions shows steps that could be used to find the value of 12×8 ?

A. $(3 \times 4) \times (2 \times 4)$ B. $(6 + 6) \times (6 + 2)$



$4 \times (3 \times 2)$



$6 \times (6 + 6 + 2)$

C. $(3 \times 4) \times (2 \times 4)$ D. $(6 + 6) \times (4 + 4)$



$(3 \times 2) \times (4 \times 4)$



$(6 + 4) \times (6 + 4)$

49. Ted has a cupboard with 3 shelves. There are 8 glasses on each shelf. He uses the number sentence below to find the number of glasses in the cupboard.

$$3 \times 8 = 24$$

Which number sentence could Ted use to check his answer?

- A. $8 \div 3 = 24$ B. $3 \div 8 = 24$
- C. $24 \times 8 = 3$ D. $24 \div 8 = 3$

50. Morgan solved the problem below for her homework.

$$7 \times 3 = 21$$

What can Morgan do to check her answer?

- A. Take 21 and add it to 3.
- B. Take 21 and subtract 3.
- C. Take 21 and divide it by 3.
- D. Take 21 and multiply it by 3.

51. Lily did this division problem.

$$375 \div 25 = 15$$

Which problem could she do to check her answer?

- A. $25 + 15 = \square$ B. $25 - 15 = \square$
- C. $25 \times 15 = \square$ D. $25 \div 15 = \square$

52. Which expression could be used to check the answer to $63 \div 7$?

- A. $63 + 7$ B. 63×9
C. $7 + 9$ D. 7×9

53. Casey's mother buys five-eighths of a yard of ribbon. Which of the following tells what part of a yard of ribbon she bought?

- A. $\frac{5}{8}$ B. $\frac{8}{5}$ C. $\frac{1}{13}$ D. $\frac{13}{1}$

54. Which fraction is one one hundredth?

- A. $\frac{1}{1,100}$ B. $\frac{100}{1}$ C. $\frac{100}{100}$ D. $\frac{1}{100}$

55. Which number shows two and three tenths?

- A. 230 B. $2\frac{3}{10}$ C. $2\frac{3}{100}$

56. Which is another way to represent "five and three-eighths"?

- A. $\frac{53}{8}$ B. $5\frac{3}{8}$ C. $5\frac{8}{3}$ D. $8\frac{5}{3}$

57. What number makes this a true number statement?

$$\frac{4}{7} = \frac{\quad}{28}$$

- A. 7 B. 16 C. 21 D. 28

58. Which fraction is equal to one?

- A. $\frac{1}{12}$ B. $\frac{6}{12}$ C. $\frac{12}{12}$ D. $\frac{100}{12}$

59. What is $\frac{12}{60}$ expressed in lowest terms?

- A. $\frac{1}{8}$ B. $\frac{1}{6}$ C. $\frac{1}{5}$ D. $\frac{1}{4}$

60. Which fraction is equivalent to $\frac{75}{100}$?

- A. $\frac{3}{4}$ B. $\frac{3}{6}$ C. $\frac{1}{3}$ D. $\frac{1}{4}$

61. A bottle of juice is $\frac{3}{4}$ full.

- Nathan says the bottle is $\frac{6}{10}$ full.
- Jonathan says the bottle is $\frac{6}{8}$ full.
- Paul says the bottle is $\frac{6}{12}$ full.

Who is right?

- A. Nathan B. Jonathan C. Paul

62. Rosa is using number cards to make equivalent fractions, as shown below.

$$\frac{\boxed{3}}{\boxed{12}} = \frac{\boxed{9}}{\boxed{}}$$

What number belongs on the blank card?

63. Which set contains only equal fractions?

- A. $\frac{1}{3}, \frac{2}{9}, \frac{3}{18}$ B. $\frac{2}{4}, \frac{2}{5}, \frac{2}{6}$
C. $\frac{1}{4}, \frac{2}{8}, \frac{3}{12}$ D. $\frac{1}{2}, \frac{2}{4}, \frac{4}{16}$

64. Which statement about $\frac{3}{4}$ and $\frac{9}{10}$ is true?

- A. $\frac{3}{4} = \frac{9}{10}$ because $4 - 3 = 1$ and $10 - 9 = 1$.
B. $\frac{3}{4} = \frac{9}{10}$ because $3 + 6 = 9$ and $4 + 6 = 10$.
C. $\frac{3}{4} < \frac{9}{10}$ because 3 is less than 9 and 4 is less than 10.
D. $\frac{3}{4} < \frac{9}{10}$ because $\frac{3}{4}$ is less than $\frac{4}{5}$ and $\frac{9}{10}$ is greater than $\frac{4}{5}$.

65. How are $\frac{2}{4}, \frac{3}{6}, \frac{4}{8}, \frac{5}{10}, \frac{6}{12}$ and alike?

- A. They are all mixed numbers.
B. They are all even numbers.
C. They are all in lowest terms.
D. They are all equivalent to $\frac{1}{2}$.

66. Add these fractions correctly.

$$\frac{5}{12} + \frac{6}{12} =$$

67. Solve. Simplify if necessary.

$$13\frac{1}{2} + 4\frac{1}{2} =$$

68. $2\frac{1}{3} + 4\frac{1}{2} =$

- A. $6\frac{1}{6}$ B. $6\frac{1}{5}$ C. $6\frac{2}{5}$ D. $6\frac{5}{6}$

69. $\frac{3}{8} + \frac{1}{12}$

- A. $\frac{1}{5}$ B. $\frac{1}{6}$ C. $\frac{11}{24}$ D. $\frac{11}{48}$

70.
$$\begin{array}{r} 2\frac{1}{6} \\ + 3\frac{4}{6} \\ \hline \end{array}$$

- A. $6\frac{5}{6}$ B. $5\frac{5}{6}$ C. $5\frac{5}{12}$ D. $1\frac{1}{2}$

71. $2\frac{1}{6} + 1\frac{3}{5}$

- A. $3\frac{23}{30}$ B. $3\frac{18}{30}$ C. $3\frac{4}{30}$ D. $3\frac{4}{11}$

72. Add:

$$\frac{7}{100} + \frac{6}{10}$$

- A. $\frac{13}{110}$ B. $\frac{13}{100}$ C. $\frac{67}{100}$ D. $\frac{76}{100}$

73. Add:

$$4\frac{3}{8} + 5\frac{1}{3}$$

- A. $9\frac{1}{6}$ B. $9\frac{17}{48}$ C. $9\frac{4}{11}$ D. $9\frac{17}{24}$

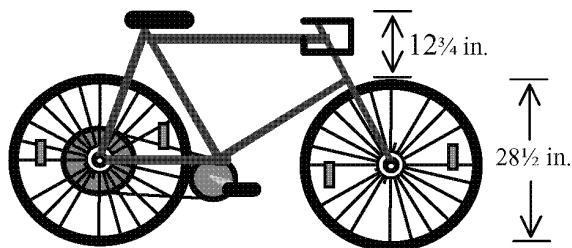
74. Stacy painted her bedroom. She used $\frac{3}{8}$ of a can of paint for one part and $\frac{2}{8}$ of the can for another part. How much of the can of paint did Stacy use?

- A. $\frac{6}{64}$ B. $\frac{1}{8}$ C. $\frac{5}{16}$ D. $\frac{5}{8}$

75. Stephen bought $\frac{1}{2}$ yard of red material and $\frac{3}{4}$ yard of blue material to design a flag. How many total yards of material did Stephen buy?

- A. $\frac{4}{4}$ B. $\frac{5}{4}$ C. $\frac{6}{4}$ D. $\frac{7}{4}$

76. What is the total height of the bicycle shown?



- A. $40\frac{1}{4}$ in. B. $40\frac{4}{6}$ in.
C. $41\frac{1}{4}$ in. D. $45\frac{1}{4}$ in.

77. Yoshi spent $1\frac{1}{3}$ hours reading and $\frac{3}{4}$ hour doing chores. How many total hours did Yoshi spend on these activities?

A. $1\frac{1}{3}$ B. $1\frac{4}{7}$ C. $2\frac{1}{12}$ D. $2\frac{1}{6}$

78. Of the cans of soup in Rolando's cupboard, $\frac{1}{2}$ are tomato and $\frac{2}{5}$ are chicken noodle. What fraction of the cans of soup in Rolando's cupboard are either tomato or chicken noodle?

A. $\frac{3}{7}$ B. $\frac{3}{5}$ C. $\frac{7}{10}$ D. $\frac{9}{10}$

79. A pizza was cut into 8 equal pieces. Katie ate 2 pieces and Emily ate 1 piece. What fraction of the pizza was left?

A. $\frac{3}{8}$ B. $\frac{5}{8}$ C. $\frac{6}{8}$ D. $\frac{7}{8}$

80. Dylan had a whole cupcake in his lunch bag. He ate only $\frac{1}{4}$ of his cupcake. How much of the cupcake does he have left?

A. $\frac{1}{4}$ B. $\frac{1}{2}$ C. $\frac{1}{3}$ D. $\frac{3}{4}$

81. Jan spent $3\frac{3}{4}$ hours doing homework last week. She spent $5\frac{1}{4}$ hours doing homework this week. How many more hours did Jan spend on homework this week than last week?

A. $\frac{1}{4}$ hour B. $\frac{1}{2}$ hour
C. $1\frac{1}{4}$ hours D. $1\frac{1}{2}$ hours

82. Hector can throw a ball $50\frac{3}{5}$ feet. Lee can throw the same ball $48\frac{1}{3}$ feet. How much farther can Hector throw the ball than Lee?

A. $2\frac{2}{15}$ feet B. $2\frac{4}{15}$ feet
C. $2\frac{3}{5}$ feet D. $2\frac{4}{5}$ feet

83. Trevor has $4\frac{1}{8}$ pizzas left over from his soccer party. After giving some pizza to his friend, he has $2\frac{4}{8}$ of a pizza left. How much pizza did Trevor give to his friend?

84. At a restaurant, $\frac{5}{8}$ of the customers who ordered dessert chose apple pie, and $\frac{1}{3}$ chose cherry pie. All the others who ordered dessert chose ice cream. What fraction of the customers who ordered dessert chose ice cream?

A. $\frac{1}{24}$ B. $\frac{2}{8}$ C. $\frac{5}{11}$ D. $\frac{4}{5}$

85. Find the answer to the problem below.

$$\frac{1}{3} \times 2127 =$$

86. What is the solution to the following problem, in lowest terms?

$$\frac{1}{8} \times \frac{5}{7} =$$

- A. $\frac{5}{56}$ B. $\frac{7}{40}$ C. $\frac{6}{15}$ D. $\frac{5}{7}$

87. What is $\frac{10}{11} \times \frac{11}{12}$?

- A. $\frac{5}{6}$ B. $\frac{21}{23}$ C. $1\frac{1}{120}$ D. 2

88. $\frac{7}{9} \times \frac{2}{9} =$

- A. $\frac{9}{81}$ B. $\frac{14}{81}$ C. $\frac{9}{9}$ D. $\frac{14}{9}$

89. Calculate the product:

$$2\frac{2}{3} \times 8$$

90. What is the value of the expression below?

$$2\frac{1}{4} \times 3\frac{1}{3}$$

- A. $7\frac{1}{2}$ B. $6\frac{1}{12}$ C. $5\frac{7}{12}$ D. $1\frac{13}{27}$

91. Compute:

$$\frac{3}{8} \cdot \frac{2}{3} \cdot \frac{3}{4}$$

92. Ms. Sanchez has $\frac{2}{3}$ of a quart of oil to divide evenly between 3 snow machines. Which expression can she use to determine the fraction of a quart of oil each snow machine will receive?

- A. $\frac{2}{3} \times \frac{1}{3}$ B. $\frac{2}{3} \div \frac{1}{3}$ C. $\frac{2}{3} \times 3$ D. $\frac{3}{2} \times 3$

93. In Asad's class, $\frac{4}{5}$ of the students like cake. Of those, $\frac{2}{3}$ like chocolate cake. What fraction of Asad's class likes chocolate cake?

- A. less than $\frac{2}{3}$ B. exactly $\frac{2}{3}$
C. between $\frac{2}{3}$ and $\frac{4}{5}$ D. more than $\frac{4}{5}$

94. One-third of the people at a banquet ordered ice cream for dessert. The rest ordered pie. One-fourth of those requesting pie ordered apple pie. If 180 people attended the banquet, how many ordered apple pie?

A. 15 B. 30 C. 40 D. 45

95. The total sales for Monica's store for the first year was \$225,000. Monica's profit was $\frac{2}{5}$ of the total sales. What was Monica's profit for the first year?

A. \$22,500 B. \$45,000
C. \$90,000 D. \$135,000

96. John uses $\frac{2}{3}$ of a cup of oats per serving to make oatmeal. How many cups of oats does he need to make 6 servings?

A. $2\frac{2}{3}$ B. 4 C. $5\frac{1}{3}$ D. 9

97. John runs $\frac{8}{10}$ mile every day. How many miles does he run in 30 days?

A. 18 B. 24 C. 30 D. 38

98. What is the solution to the problem below, in lowest terms?

$$\frac{8}{9} \div \frac{2}{7} =$$

A. $\frac{4}{63}$ B. $\frac{16}{63}$ C. $3\frac{1}{9}$ D. $3\frac{2}{9}$

99. What is the value of the expression?

$$\frac{3}{7} \div \frac{3}{4}$$

A. $\frac{1}{2}$ B. $\frac{9}{14}$ C. $\frac{4}{7}$ D. $\frac{46}{21}$

100. $12 \div \frac{3}{4}$

A. 9 B. $9\frac{1}{4}$ C. $12\frac{3}{4}$ D. 16

101. $6\frac{2}{7} \div 2\frac{3}{4} = \underline{\hspace{1cm}}$

A. $2\frac{2}{7}$ B. $17\frac{2}{7}$ C. $2\frac{6}{11}$ D. $\frac{7}{16}$

102. Which of the following is equivalent to the expression below?

$$2\frac{1}{2} \div \frac{1}{4}$$

- A. $1\frac{3}{5}$ B. $2\frac{1}{8}$ C. 4 D. 10

103. Which of the following is equivalent to the expression below?

$$3\frac{2}{3} \div \frac{2}{3}$$

- A. $5\frac{1}{2}$ B. 4 C. 3 D. $2\frac{4}{9}$

104. What is the value of the expression below?

$$\frac{3}{4} \div 12$$

- A. $\frac{1}{16}$ B. $\frac{1}{9}$ C. 9 D. 16

105. Divide.

$$1\frac{1}{10} \div 1\frac{1}{5}$$

- A. $\frac{11}{12}$ B. $\frac{25}{33}$ C. $1\frac{8}{25}$ D. $1\frac{1}{2}$

106. Divide:

$$9 \div \frac{1}{4}$$

- A. $\frac{1}{36}$ B. $2\frac{1}{4}$ C. 36 D. 37

107. Divide:

$$3\frac{3}{8} \div 9$$

- A. $\frac{1}{12}$ B. $\frac{1}{8}$ C. $\frac{3}{8}$ D. $30\frac{3}{8}$

108. Solve:

$$3\frac{5}{9} \div 2\frac{2}{3}$$

- A. $\frac{17}{21}$ B. $1\frac{1}{3}$ C. $6\frac{2}{9}$ D. $9\frac{13}{27}$

109. Divide: $24 \div \frac{1}{8}$

- A. $\frac{1}{192}$ B. $\frac{1}{3}$ C. 3 D. 192

110. You may not use a calculator for this question.

Divide: $58\frac{1}{3} \div 6\frac{2}{3}$

- A. $7\frac{8}{3}$ B. $8\frac{3}{4}$ C. $9\frac{3}{2}$ D. $10\frac{1}{6}$

111. Jason made 3 quarts of corn chowder. He divided it into serving sizes of $1\frac{1}{2}$ cups each. How many $1\frac{1}{2}$ -cup servings can be made from 3 quarts of chowder?

- A. $4\frac{1}{2}$ servings B. 8 servings
C. 12 servings D. 18 servings

112. A teacher divides a whole class into groups to work on a class project. Each group has one-sixth of all the children in the class. How many groups are there?

- A. 2 B. 6 C. 7 D. 12

113. Zeik is cooking $\frac{1}{3}$ of a bag of rice for a meal. He will give each of his 4 guests the same amount of rice. Zeik is not eating any rice. What is the maximum fraction of the bag of rice Zeik could give each of his 4 guests?

- A. $\frac{1}{12}$ B. $\frac{4}{12}$ C. $\frac{3}{4}$ D. $\frac{4}{3}$

114. Andrea has $\frac{1}{4}$ of a sack of rice. She divides the rice equally into 7 bags. What fraction of the full sack of rice is in each bag?

- A. $\frac{1}{28}$ B. $\frac{1}{7}$ C. $\frac{2}{11}$ D. $\frac{11}{28}$

115. Cindy subtracts: $62\frac{5}{8} - 12\frac{3}{8}$. What process should Cindy use to complete her subtraction?

- A. Subtract the whole numbers, subtract the numerators, and subtract the denominators.
B. Subtract the whole numbers, subtract the denominators, and keep the common numerator.
C. Subtract the whole numbers, add the numerators, and keep the common denominator.
D. Subtract the whole numbers, subtract the numerators, and keep the common denominator.

116. Grace measures a bean plant at the end of every week. At the end of week 1, the plant is 4 inches tall. It grows $\frac{1}{2}$ inch each week for 5 more weeks. How tall is Grace's bean plant at the end of week 5?

- A. 5 inches B. $5\frac{1}{2}$ inches
C. 6 inches D. $6\frac{1}{2}$ inches

117. Byron will add $\frac{3}{7}$ to $\frac{4}{9}$.

Which of the following should be the first step he would use to correctly solve the problem?

- A. Find the sum of 3 and 4.
- B. Find the sum of 7 and 9.
- C. Find a common multiple of 3 and 4.
- D. Find a common multiple of 7 and 9.

118. $\frac{11}{12} - \left(\frac{1}{3} + \frac{1}{4}\right) =$

- A. $\frac{1}{3}$ B. $\frac{3}{4}$ C. $\frac{5}{6}$ D. $\frac{9}{5}$

119. What is the place value position of the 2 in the number 726,309.54?

- A. thousands B. ten thousands
C. hundred thousands D. millions

120. Use words to write the value of 3 in the following.

.823 _____

121. .349 _____

122. .396 _____

123. In the number 237.9412, which digit is in the **thousandths** place?

124. What is the value of the 4 in 57.004?

- A. Tenths B. Hundredths
C. Thousandths D. Ten thousandths

125. Some adult hummingbirds weigh as little as 0.06 ounce. What is the value of the 6 in 0.06?

- A. six B. six tenths
C. six hundredths D. six thousandths

126. What digit is in the hundredths place of 1.258?

- A. 1 B. 2 C. 5 D. 8

127. In the number 200.358, which digit is in the hundredths place?

- A. 2 B. 3 C. 5 D. 8

128. In which number is 7 in the hundredths place?

- A. 1,239.73 B. 4,573.14
C. 8,946.27 D. 6,745.03

129. It snowed 4 times during October. The snowfall amounts were 0.75 inches, 1.93 inches, 4.73 inches, and 2.33 inches. What was the total snowfall for October?

- A. 7.64 inches B. 7.74 inches
C. 9.64 inches D. 9.74 inches

130. Ned ordered a small statue of a wolf. The statue was \$39.95 plus \$5.99 for mailing. What was the total cost of the order?

- A. \$34.84 B. \$35.94
C. \$44.94 D. \$45.94

131. Hannah ordered a video game that cost \$44.97. She will pay \$3.40 for shipping costs. Which shows how Hannah could find the total cost for the video game and shipping?

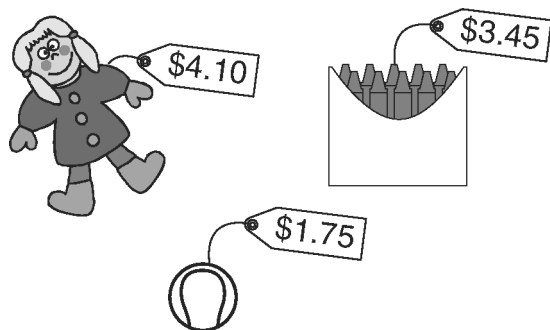
- A.
$$\begin{array}{r} 44.97 \\ + 34.00 \\ \hline \end{array}$$
 B.
$$\begin{array}{r} 44.97 \\ + 30.40 \\ \hline \end{array}$$

C.
$$\begin{array}{r} 44.97 \\ + 0.34 \\ \hline \end{array}$$
 D.
$$\begin{array}{r} 44.97 \\ + 3.40 \\ \hline \end{array}$$

132. Kelly earned \$6.75 for dog sitting and \$11.75 for babysitting. What was the total amount Kelly earned?

- A. \$17.25 B. \$17.50
C. \$18.25 D. \$18.50

133. Carmen bought these three things.



What was the total cost of these three items?

- A. \$9.30 B. \$9.20 C. \$8.30 D. \$8.20
134. The employees of the local insurance company collected \$5768.67 for a new children's playground. The employees of a local car dealership collected \$3910.56 How much money did they collect all together?
- A. \$9679.23 B. \$9679.13
C. \$9678.13 D. \$8679.23
135. Lola bought drinks, cups, and cake for a party. The drinks cost \$5.25, the cups cost \$0.75, and the cake cost \$13.29.

What is the total cost of these items?

- A. \$19.29 B. \$26.04
C. \$73.29 D. \$93.54

136. Meredith walked 3.4 miles to the store. Then she walked 2.6 miles to the library. How far did Meredith walk?

- A. 5.1 miles B. 5.46 miles
C. 6 miles D. 15 miles

137. The weights of three packages are 0.42 pounds, 0.49 pounds, and 0.56 pounds. What is the total weight of the three packages?

- A. 1.37 pounds B. 1.47 pounds
C. 13.17 pounds D. 14.17 pounds

138. Andrew bought an apple for \$0.50, a banana for \$0.40, and a melon for \$0.80. How much did Andrew spend?

- A. \$170 B. \$16 C. \$1.70 D. \$1.60

139. The price of a share of stock for company XYZ at the beginning of the week was \$24.75. Over the next five days, the stock gained \$2.50 on Monday, lost \$3.25 on Tuesday, lost \$0.75 on Wednesday, gained \$1.25 on Thursday, and gained \$4.75 on Friday. What was the price of the share of stock at the end of Friday?

- A. \$12.25 B. \$25.75
C. \$29.25 D. \$37.25

140. Sue had a hot dog, french fries, and milk. How much did she spend (not including sales tax)?

MENU	
Hamburger	\$0.85
Hot Dog	\$0.70
Grilled cheese	\$0.55
sandwich	
French Fries	\$0.40
Milk	\$0.20
Soft drink	\$0.15
Milk Shake	\$0.45
Ice Cream	\$0.40

A. \$1.20 B. \$1.30 C. \$1.40 D. \$1.50

141. Allison peeled 4.9 pounds of potatoes, and her father peeled another 7.6 pounds.

What was the total number of pounds of potatoes they peeled?

A. 12.5 pounds B. 11.5 pounds
C. 3.7 pounds D. 2.7 pounds

142. Sharon buys 1.125 pounds of apples, 1.5 pounds of oranges, and 2.25 pounds of bananas.

What is the total weight of the fruit she buys?

A. 1.365 pounds B. 3.39 pounds
C. 4.2 pounds D. 4.875 pounds

143. Mary went to the store. She bought a candy bar for \$0.50 and a drink for \$0.75. How much money did Mary spend?

A. \$1.05 B. \$1.20 C. \$1.25 D. \$1.35

144. Brian earns \$5.15 per hour at his job. His older brother earns \$9.00 per hour at his job. How much more does Brian's older brother earn per hour?

A. \$3.85 B. \$3.95 C. \$4.15 D. \$4.85

145. Brenda wanted to see how much water evaporated from an open container. She measured 14.386 liters in the container at the beginning of the day and 13.987 liters 12 hours later. How many liters evaporated during those 12 hours?

A. 0.399 liter B. 0.401 liter
C. 0.409 liter D. 0.499 liter

146. The table below shows the cost per bag of different brands of dog food.

Dog Food	
Brand	Cost per Bag
Atta Boys	\$23.47
Canine Cool	\$24.58
Mushies	\$25.42
Power Pups	\$25.68
Yum-Yums	\$33.12

A bag of Yum-Yums dog food costs exactly \$8.54 more than which brand?

- A. Atta Boys B. Canine Cool
C. Mushies D. Power Pups

147. Nicki's class needs to raise \$89.45 in order to have a pizza party. So far, she has collected \$62.90. How much more money does Nicki's class need to buy the pizza party?

- A. \$17.45 B. \$26.55
C. \$27.55 D. \$152.35

148. Reggie compared the prices of two radios. The table below shows the prices.

Cost of Radios	
Brand	Cost
A	\$31.47
B	\$34.71

How much more does Brand B cost than Brand A?

- A. \$3.24 B. \$3.26 C. \$3.34 D. \$3.36

149. Maria has \$7.50 to buy lunch. If she buys a turkey sandwich that costs \$2.75, how much money will she have left?

- A. \$4.75 B. \$5.25
C. \$5.75 D. \$10.25

150. Justine scored 58.6 points at a local math competition. Which score is 0.01 points *more* than Justine's?

- A. 58.61 B. 58.70 C. 59.60 D. 68.61

151. Barbara's dog weighed 101.5 pounds at the beginning of summer but lost 9.2 pounds by the end of summer. Which number sentence could be used to determine the dog's weight at the end of the summer?

A. $101.5 - 9.2 =$ B. $101.5 + 9.2 =$
C. $101.5 \div 9.2 =$ D. $101.5 \times 9.2 =$

152. Marian's temperature was 99.7°F at 4:00 p.m. At 10:00 p.m. her temperature was 100.4°F .

How much did her temperature increase from 4:00 p.m. to 10:00 p.m.?

A. 1.7°F B. 1.3°F C. 0.7°F D. 0.3°F

153. Nicki's class needs to raise \$89.45 in order to have a pizza party. So far, she has collected \$62.90. How much money does Nicki's class need to buy the pizza party?

A. \$17.45 B. \$26.55
C. \$27.55 D. \$152.35

154. Manny has \$79.69 in his savings account. He takes out \$34.37. How much money does he have left in the account?

A. \$45.33 B. \$45.32
C. \$112.04 D. \$114.06

155. Marcella ran the race in 10.6 seconds, and Omar ran it in 9.8 seconds. How many seconds faster was Omar's time than Marcella's?

A. 0.2 B. 0.8 C. 1.2 D. 1.8

156. Janika spent \$3.45 at the store, and Serena spent \$2.60 at the store. How much more did Janika spend than Serena?

A. \$0.85 B. \$1.25 C. \$1.84 D. \$6.05

157. Tony had a rope 8.35 meters long. He cut off 2.6 meters. How long was the piece of rope that was left?

A. 5.65 meters B. 5.75 meters
C. 6.65 meters D. 6.75 meters

158. Kirima bought 4 jackets for her children. Each jacket cost \$37.19 with tax added. What was the total cost of the 4 jackets?

- A. \$81.76 B. \$128.46
C. \$128.76 D. \$148.76

159. Mr. Chang bought 24 calculators for his class. Each calculator cost \$8.67. What was the total cost of the calculators?

- A. \$20.80 B. \$108.08
C. \$203.91 D. \$208.08

160. Walter bought 2.5 yards of fabric at \$3.70 per yard. How much did Walter pay for the fabric?

- A. \$7.95 B. \$8.25 C. \$8.95 D. \$9.25

161. If each ball costs \$1.54, how much must Kyoko pay for three balls?

- A. \$4.62 B. \$15.40
C. \$31.54 D. \$46.20

162. Robert wants to buy 3 notebooks that cost \$1.25 each. How much do the notebooks cost all together, without tax?

- A. \$1.28 B. \$2.40 C. \$3.75 D. \$4.25

163. Ruth needs to buy three pounds of screws. Screws cost \$1.98 per pound. Which operation shows the cost of three pounds of screws?

- A. $\$1.98 + 3$ B. $\$1.98 - 3$
C. $\$1.98 \times 3$ D. $\$1.98 \div 3$

164. Lydia is buying 0.6 pound of dried fruit. The dried fruit is on sale for \$3.80 per pound. How much does the dried fruit that Lydia is buying cost?

- A. \$1.88 B. \$2.28
C. \$6.33 D. \$22.88

165. Karen bought 15 folders. Each folder cost \$1.24. What was the total cost of Karen's 15 folders?

- A. \$7.44 B. \$14.40
C. \$17.40 D. \$18.60

166. Bonnie bought a 13-pound turkey for \$0.85 per pound. How much money did she pay for the turkey?

- A. \$11.05 B. \$13.85
C. \$33.00 D. \$110.05

167. A cafeteria served lunch to 287 students. Each lunch cost \$2.05.

Which of the following is closest to the total cost of the lunches served by the cafeteria?

- A. \$500 B. \$600 C. \$675 D. \$750

168. Gwen studies for 1.5 hours every night. What is the total number of hours Gwen studies for 5 nights?

- A. 4.5 hours B. 5.5 hours
C. 6.5 hours D. 7.5 hours

169. The fuel cost of driving a truck is about 12 cents a mile. Approximately how much does it cost to drive a truck 96 miles?

- A. \$0.90 B. \$6.00
C. \$8.00 D. \$12.00

170. The school cook bought 89 pounds of hamburger at \$1.46 a pound. What was the total bill?

- A. \$57.00 B. \$90.46
C. \$129.94 D. \$146.00

171. The Cinema III Theater charges \$3.75 for tickets to see the 3:00 p.m. showing. On Saturday, the theater sold 246 tickets for this time slot.

How much ticket money was collected?

- A. \$621.00 B. \$738.00
C. \$922.50 D. \$92,250.00

172. The school office ordered 24 boxes of pens. Their total cost was \$191.52. What was the cost of 1 box of pens?

- A. \$7.02 B. \$7.20 C. \$7.98 D. \$8.00

173. Joe has \$20.00. A six-pack of soda costs \$1.89, including tax. What is the greatest number of six-packs of soda he can buy?

- A. 5 B. 10 C. 15 D. 20

174. Lisa rented 4 videotapes for \$4.80. How much did each tape cost to rent?

- A. \$1.20 B. \$8.80
C. \$12.00 D. \$19.20

175. Mr. Brown bought 6 towels. All the towels were the same price. The total cost was \$84. How much money did each towel cost?

- A. \$11 B. \$14 C. \$78 D. \$504

176. Randy has \$7.50 to use on buying notebooks for school. If each notebook costs \$1.09 including tax, how many can Randy buy?

- A. 5 B. 6 C. 7 D. 8

177. Roberto paid \$43.08 for 3 CDs. All 3 CDs were the same price. How much did each CD cost?

- A. \$11.36 B. \$14.36
C. \$40.08 D. \$46.08

178. Four friends bought a movie and some snacks for \$17.68. They want to divide the cost evenly.

How much should each friend pay?

- A. \$4.17 B. \$4.23 C. \$4.25 D. \$4.42

179. Elizabeth dropped a ball from 50 feet off the ground. Each time the ball bounced, it rebounded half the distance it dropped. What was the height of rebound after the third bounce?

- A. 3.125 ft. B. 6.25 ft.
C. 12.5 ft. D. 25 ft.

180. A class of 25 students went to a zoo.

- The total admission cost for the 25 students was \$56.25.
- The admission cost was the same for each student.

What was the admission cost for 1 student?

- A. \$2.15 B. \$2.20 C. \$2.25 D. \$2.50

181. A package of 12 pencils costs \$2.04. Based on the cost of this package, what is the cost of 1 pencil?

- A. \$0.06 B. \$0.17 C. \$0.24 D. \$0.59

182. Maria uses 0.45 m of string for each toy she makes. She has 36 m of string. How many toys can she make?

- A. 16 toys
- B. 17 toys
- C. 80 toys
- D. 81 toys

183. Daniel drove 893.2 miles in 10 days. He drove the same number of miles each day. How many miles did Daniel drive each day?

- A. 0.8932
- B. 8.932
- C. 89.32
- D. 8,932

184. Jasmine needs \$30 to buy a sweater. She uses the following plan to save money. The first day she sets aside \$1. The second day Jasmine sets aside \$1.50. The third day she sets aside \$2, and on the fourth day she sets aside \$2.50. If Jasmine continues this pattern, on which day will she have enough money to buy the sweater?

- A. day 8
- B. day 9
- C. day 10
- D. day 11

185. Janelle bought 3 pens for \$2.25. You bought 5 pencils for \$2.95.

- a) How much does 1 pencil cost?
- b) How much does 1 pen cost?