

Name _____

Date _____

SUMMER MATH FOR INCOMING 5TH GRADE HONORS

- | | | | |
|-----------|-----------|-----------|------------|
| 1. _____ | 26. _____ | 51. _____ | 76. _____ |
| 2. _____ | 27. _____ | 52. _____ | 77. _____ |
| 3. _____ | 28. _____ | 53. _____ | 78. _____ |
| 4. _____ | 29. _____ | 54. _____ | 79. _____ |
| 5. _____ | 30. _____ | 55. _____ | 80. _____ |
| 6. _____ | 31. _____ | 56. _____ | 81. _____ |
| 7. _____ | 32. _____ | 57. _____ | 82. _____ |
| 8. _____ | 33. _____ | 58. _____ | 83. _____ |
| 9. _____ | 34. _____ | 59. _____ | 84. _____ |
| 10. _____ | 35. _____ | 60. _____ | 85. _____ |
| 11. _____ | 36. _____ | 61. _____ | 86. _____ |
| 12. _____ | 37. _____ | 62. _____ | 87. _____ |
| 13. _____ | 38. _____ | 63. _____ | 88. _____ |
| 14. _____ | 39. _____ | 64. _____ | 89. _____ |
| 15. _____ | 40. _____ | 65. _____ | 90. _____ |
| 16. _____ | 41. _____ | 66. _____ | 91. _____ |
| 17. _____ | 42. _____ | 67. _____ | 92. _____ |
| 18. _____ | 43. _____ | 68. _____ | 93. _____ |
| 19. _____ | 44. _____ | 69. _____ | 94. _____ |
| 20. _____ | 45. _____ | 70. _____ | 95. _____ |
| 21. _____ | 46. _____ | 71. _____ | 96. _____ |
| 22. _____ | 47. _____ | 72. _____ | 97. _____ |
| 23. _____ | 48. _____ | 73. _____ | 98. _____ |
| 24. _____ | 49. _____ | 74. _____ | 99. _____ |
| 25. _____ | 50. _____ | 75. _____ | 100. _____ |

4th going into 5th Grade Math Summer Packet**Copy and complete the number fact family.**

1. $36 \div 9 = \underline{\quad ? \quad}$

$\underline{\quad ? \quad} \times 4 = 36$

$36 \div 4 = \underline{\quad ? \quad}$

$9 \times 4 = \underline{\quad ? \quad}$

2. $\underline{\quad ? \quad} - 8 = 5$

$5 + 8 = \underline{\quad ? \quad}$

$13 - \underline{\quad ? \quad} = 8$

$\underline{\quad ? \quad} + 5 = \underline{\quad ? \quad}$

Complete the statement.

3. 5 hours = $\underline{\quad ? \quad}$ minutes

4. 480 seconds = $\underline{\quad ? \quad}$ minutes

5. 76 hours = $\underline{\quad ? \quad}$ days $\underline{\quad ? \quad}$ hours

6. 12 minutes 45 seconds = $\underline{\quad ? \quad}$ seconds

7. 23 days = $\underline{\quad ? \quad}$ weeks $\underline{\quad ? \quad}$ days

8. 590 seconds = $\underline{\quad ? \quad}$ minutes $\underline{\quad ? \quad}$ seconds

Identify the place value of the bold faced digit. Then write the number in expanded form and in words.

9. 5**1**73

10. 243,0**6**5

Write the number in standard form.

11. $(5 \times 10,000) + (8 \times 100) + (2 \times 10) + (9 \times 1)$

Name: _____

ID: A

12. six hundred twenty-four thousand, seventy-eight

Compare the numbers.

13. 765 and 490

14. 14,298 and 104,298

15. 9734 and 9743

16. 11,859 and 6108

Round the number to the place value of the bold faced digit.

17. 4**5**78

18. 12,**3**19

19. **4**5

20. 4**2**4,695

21. Write a related addition equation for $13 - 4 = 9$.

22. Write a related division equation for $8 \times 7 = 56$.

Add or subtract the numbers.

23. $12 + 3$

24. $9 + 4$

25. $5 + 7$

26. $15 - 6$

27. $18 - 4$

28. $11 - 5$

Find the sum or difference.

29. $76 + 35$

30. $27 + 49$

Name: _____

ID: A

31. $148 + 63$

32. $264 + 327$

33. $838 + 306$

34. $1354 + 652$

35. $53 - 19$

36. $87 - 38$

37. $653 - 58$

38. $705 - 396$

39. $415 - 257$

40. $1035 - 251$

41. $15.8 + 24.5$

42. $5.32 + 24.15$

43. $8.71 - 6.29$

44. $47.5 - 34.6$

Find the product or quotient.

45. 67×90

46. 23×41

47. 539×47

48. 2618×12

49. 8405×16

50. 673×1000

51. $4 \overline{)240}$

52. $7 \overline{)896}$

Name: _____

ID: A

53. $9 \overline{) 306}$

54. $2464 \div 8$

55. $5826 \div 8$

56. $960 \div 10$

Estimate the sum by rounding.

57. $279 + 123 + 795$

58. $304 + 467 + 138 + 297$

59. $5581 + 2307 + 1425 + 8632$

60. $63 + 57 + 61 + 56$

Estimate for the difference by rounding.

61. $541 - 293$

62. $715 - 452$

63. $5932 - 1978$

64. $8092 - 3715$

65. You need \$27 for a concert ticket. You have \$19. How much more money do you need for the ticket?

66. You have 35 baseball cards in your baseball card collection. Your friend gives you 18 baseball cards. How many baseball cards do you have in your collection now?

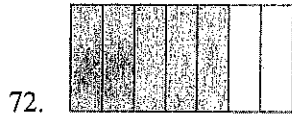
67. You have 6 boxed sets of CDs. Each set has 3 CDs. How many CDs do you have?

68. You need to bring 45 muffins to a party. One batch of muffins makes 15. How many batches do you need to make?

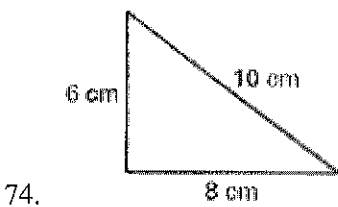
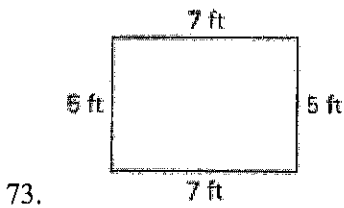
69. You buy wrapping paper for \$4.57. You give the clerk \$10. How much change do you receive?

70. You need craft supplies. You buy beads for \$12.75, ribbon for \$4.50, felt for \$.99, and leather cord for \$6.35. How much did you spend on craft supplies?

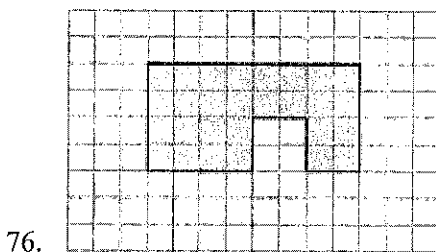
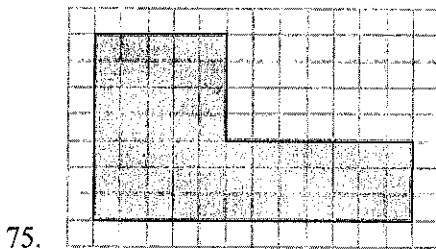
Write a fraction to represent the shaded region or part of the set.



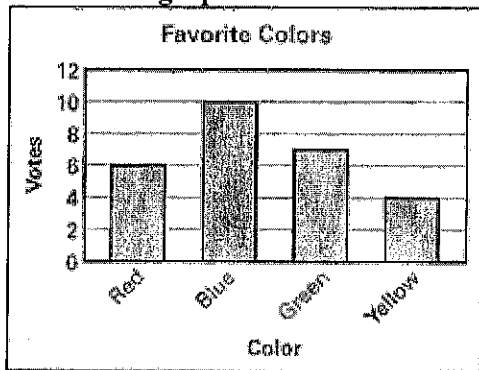
Find the perimeter of the figure.



Find the area of the figure.

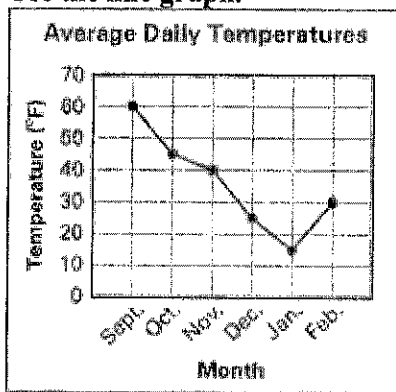


Use the bar graph.



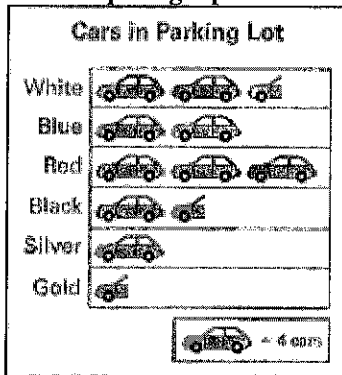
77. What color did 7 people vote for?
78. What color had 4 fewer votes than blue?
79. What was the total number of votes for red and yellow?

Use the line graph.



80. In which month was the average daily temperature the lowest?
81. What is the difference between the average daily temperatures for November and December?
82. What was the average daily temperature for October?

Use the pictograph.



83. How many black cars were in the parking lot?
84. How many fewer silver cars were in the parking lot than red cars?
85. Which color car has twice as many in the parking lot as silver cars?
86. Make a pictograph of the data.

The Ways Students Get the News	
News Source	Number of Students
Television	12
Radio	9
Newspaper	6
Word of Mouth	18

Evaluate the expression.

87. $7 \times (3 + 7) + 9$
 a. 37 b. 133 c. 630 d. 79
88. $9 \times (4 + 3) - 4$
 a. 59 b. 32 c. 27 d. 35
89. $(5 \times 9) - 3 \times 2 + 5$

Solve.

90. At a sporting goods store, a sweatshirt costs twice as much as a pair of legwarmers. Jogging shoes cost \$12 more than the sweatshirt. If the legwarmers cost \$9, how much will all 3 items cost?

Determine the pattern. Then find the next two numbers.

91. 2, 5, 8, 11, _____, _____

Round to the given place value. Then estimate the sum or difference.

92. $237 - 116$ (tens)

93. $1276 + 312$ (hundreds)

Find the sum or difference.

94. $\frac{10}{20} + \frac{8}{20}$

a. $\frac{9}{20}$

b. $2\frac{2}{9}$

c. $1\frac{1}{9}$

d. $\frac{9}{10}$

95. $\frac{9}{13} - \frac{6}{13}$

a. $1\frac{2}{13}$

b. $\frac{3}{13}$

c. 3

d. $\frac{4}{13}$

96. $\frac{9}{12} - \frac{3}{12}$

Find the sum or difference. Write the answer in lowest terms.

97. $\frac{17}{18} - \frac{3}{18}$

a. $\frac{7}{18}$

b. $\frac{8}{9}$

c. $\frac{13}{36}$

d. $\frac{7}{9}$

98. For a race, Elaine ran $\frac{1}{8}$ of a mile and then swam $\frac{1}{8}$ of a mile. What was the total distance of the race?

a. $\frac{2}{8}$ of a mile

c. $\frac{8}{2}$ of a mile

b. $\frac{2}{16}$ of a mile

d. $\frac{1}{64}$ of a mile

99. You shared a licorice rope with two friends. You ate $\frac{3}{8}$ of the licorice rope. One of your friends ate $\frac{1}{8}$ of the licorice rope, and the other friend ate $\frac{3}{8}$ of the licorice rope. What fraction of the licorice rope did you and your friends eat?

Find the sum or difference.

100a. $2\frac{3}{7} + 6\frac{4}{7}$

a. $8\frac{3}{7}$

b. 8

c. 9

d. $7\frac{3}{7}$

100b. $5\frac{8}{17} - 2\frac{1}{17}$

a. $3\frac{7}{34}$

b. $\frac{7}{17}$

c. $4\frac{7}{17}$

d. $3\frac{7}{17}$