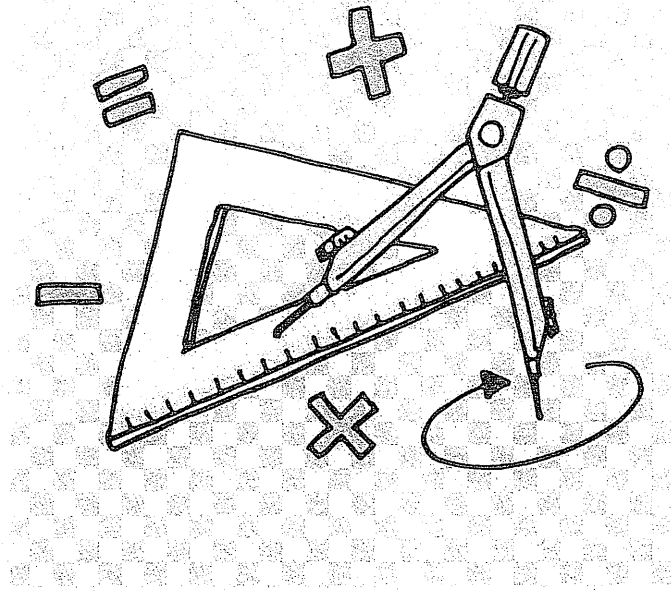
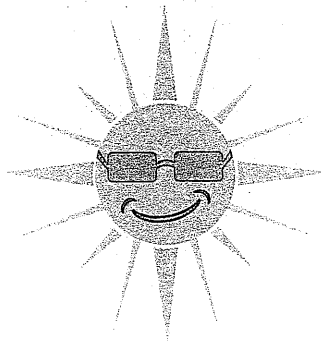




Seventh Grade

Summer Math Work
2025



Name: _____ HR: 7- _____ Section: _____ Date: _____

Write your answer on the line. Please show your work as needed on the attached pages * Please look for the integer signs (positive $+$ and negative $-$) where noted.

1. Compare the decimals. Write the symbol that makes the statement correct. $>$, $<$, or $=$ 67.78 _____ 67.87	9. Multiply 4.3 x 7 9. _____
2. Find the product 30 x 800 2. _____	10. Multiply 4.06 x 9 10. _____
3. Add 5.9 + 63 3. _____	11. Multiply 2.3 x 3.25 11. _____
4. Add \$52.93 + \$8.07 4. _____	12. Multiply 0.027 x 0.45 12. _____
5. Write the set of numbers from least to greatest 0, -0.5, 2.2, -3, -1 5. _____	13. Divide 93 $\div$ 0.3 13. _____
6. Add 43.86 + 2.07 6. _____	14. Divide 1.803 $\div$ 0.6 14. _____
7. Subtract 87.75 - 15.27 7. _____	15. Express as an integer 75 ft. below sea level 15. _____
8. Subtract 589.48 - 24.67 8. _____	16. Write the opposite of integer -5 16. _____

Summer 2025 Incoming 7th Grade Math Packet Work Page 1

Name: _____ HR: 7- _____ Section: _____ Date: _____

Please show your work on the attached pages. If you need more space you may use additional sheets of paper.

1.	9.
2.	10.
3.	11.
4.	12.
5.	13.
6.	14.
7.	15.
8.	16.

Name: _____

* Please look for the integer signs (positive + and negative -) where noted.

17. Compare. Write < or > -3 _____ -7	25. Compute. -8×-15 25. _____
18. Compare. Write < or > $+8$ _____ -8	26. Compute. $+8 \times +12$ 26. _____
19. Compute. $+4 + +9$ 19. _____	27. Compute $-24 \times +6$ 27. _____
20. Compute. $-2 + +5$ 20. _____	28. Compute. $-52 \div +4$ 28. _____
21. Compute. $-73.2 + -8$ 21. _____	29. Compute. $-5 \div -5$ 29. _____
22. Compute. $+6 - -5$ 22. _____	30. Arrange in order from least to greatest: $-5; -8; +3; -4; 0$ 30. _____
23. Compute. $+3 - -3$ 23. _____	31. Solve. The price of a stock fell 8 points on Monday and rose 3 points on Tuesday. Find the total change over both days. Write the equation and answer on the line. 31. _____
24. Compute. $+8 - +12$ 24. _____	32. Solve The temperature was -16°F. It dropped 7 degrees. Find the new temperature. Write the equation and answer on the line. 32. _____

Summer 2025 Incoming 7th Grade Math Packet Work Page 2

Name: _____

17.	25.
18.	26.
19.	27.
20.	28.
21.	29.
22.	30.
23.	31.
24.	32.

Name: _____

33. Write the fraction in simplest form. $\frac{18}{27}$ 33. _____	41. Find the LCM of the pair of numbers and write on the line. 7 and 10 41. _____
34. Write the fraction in simplest form. $\frac{15}{21}$ 34. _____	42. Find the LCM of the pair of numbers and write on the line. 14 and 42 42. _____
35. Compare. Write <, =, or > $\frac{17}{23} \quad \frac{7}{23}$	43. Rename as an improper fraction. $3\frac{2}{3}$ 43. _____
36. Compare. Write <, =, or > Do you need to find a common denominator? $\frac{5}{6} \quad \frac{9}{10}$	44. Rename as a fraction in simplest form. 0.54 44. _____
37. Write in order from least to greatest on the line. Do you need to find a common denominator? $\frac{2}{3}; \frac{1}{5}; \frac{5}{6}$ 37. _____	45. Rename as a decimal. (Do you divide the numerator by the denominator and write the whole number before the decimal?) $4\frac{7}{8}$ 45. _____
38. Write in order from least to greatest on the line. $1\frac{7}{12}; 1\frac{1}{2}; 1\frac{2}{3}$ 38. _____	46. Rename as a decimal. $\frac{9}{16}$ 46. _____
39. Find the GCF of the pair of numbers and write it on the line. 8 and 12 39. _____	47. Find a pair of numbers between 12 and 24 whose GCF is 5 and write the pair of numbers on the line. 47. _____
40. Find the GCF of the pair of numbers and write it on the line. 15 and 24 40. _____	48. A carton holds 10 candy bars. Write a mixed number in simplest form to show how many cartons would be filled by 46 candy bars. 48. _____

Name: _____

33.	41.
34.	42.
35.	43.
36.	44.
37.	45.
38.	46.
39.	47.
40.	48.

Name: _____

49. Add or subtract. Write answer in simplest form. $\frac{5}{9} + \frac{4}{9}$ 49. _____	57. Add or subtract. Write answer in simplest form. $\begin{array}{r} 11 \\ - 8\frac{3}{7} \\ \hline \end{array}$ 57. _____
50. Add or subtract. Write answer in simplest form. $\frac{7}{8} - \frac{5}{8}$ 50. _____	58. Evaluate the expression. Write your answer on the line. $x - y$, when $x = 16$ and $y = 3\frac{5}{6}$
51. Add or subtract. Write answer in simplest form. (Are common denominators needed to solve?) $\frac{7}{8} + \frac{3}{4}$ 51. _____	59. Multiply. $\frac{2}{3} \times 2\frac{1}{2}$ 59. _____
52. Add or subtract. Write answer in simplest form. $\frac{9}{10} - \frac{1}{2}$ 52. _____	60. Multiply. $\frac{3}{4} \times 2\frac{2}{3}$ 60. _____
53. Compute. $1\frac{2}{3} + (\frac{1}{6} + \frac{1}{6})$ 53. _____	61. Multiply. $\frac{5}{9} \text{ of } 2\frac{1}{4}$ 61. _____
54. Compute. $\frac{9}{10} - (\frac{1}{5} + \frac{2}{5})$ 54. _____	62. Compare. Write $<$, $=$, or $>$ $2\frac{1}{2} \times 3\frac{1}{4} \quad \underline{\hspace{1cm}} \quad 2\frac{1}{4} \times 3\frac{1}{2}$
55. Add or Subtract. Write the answer in simplest form. $\begin{array}{r} 2\frac{2}{3} \\ + 3\frac{1}{5} \\ \hline \end{array}$ 55. _____	63. Compare. Write $<$, $=$, or $>$ $6\frac{1}{4} \times 2\frac{1}{4} \quad \underline{\hspace{1cm}} \quad 3\frac{1}{2} \times 4\frac{1}{8}$
56. Add or Subtract. Write the answer in simplest form. $\begin{array}{r} 6\frac{5}{8} \\ + 3\frac{1}{2} \\ \hline \end{array}$ 56. _____	64. Divide. (Hint: Multiply by the reciprocal) $4 \div \frac{1}{2}$ 64. _____

Summer 2025 Incoming 7th Grade Math Packet Work Page 4

Name: _____

49.	57.
50.	58.
51.	59.
52.	60.
53.	61.
54.	62.
55.	63.
56.	64.

Name: _____

65. Divide. (Hint: Multiply by the reciprocal) $\frac{4}{5} \div \frac{1}{5}$ 65. _____	73. Find the mean, median, and mode for the set of data. Student math test scores are: 70 110 90 70 60 Write the mean _____, median _____ and mode _____
66. Divide. $\frac{2}{9} \div \frac{1}{3}$ 66. _____	74. Student Reading Grades: 80 75 90 79 82 93 79 88 95 88 Write the mean _____, median _____ and mode _____
67. Divide. $27 \div \frac{3}{5}$ 67. _____	75. Write the ratio in simplest form. (Hint write the ratio in word form or ratio form then in fraction form ex: 5 to 15 (word form) $\frac{5}{15}$ (fraction form) Write 5 to 15 in Simplest form. _____
68. Write the product in exponential form $4 \times 4 \times 4$ 68. _____	76. Write the ratio 30 : 60 in simplest form. (See hint above) 76. 30 : 60 in simplest form is _____
69. SJGS purchases 19 cartons of notebooks. The bill is \$711.55. What is the average cost of each carton of notebook? 69. _____	77. Write as a percent on the line below. 43 to 100 77. _____
70. Solve If 8 bags of chips cost \$38.00, find the price of one bag of chips 70. _____	78. Write as a percent on the line below. 7 to 100 78. _____
71. Compute. Round to the nearest cent when necessary. $\frac{1}{2}$ of \$46 71. _____	79. Write as a decimal on the line below. 30% 79. _____
72. Compute. Round to the nearest cent when necessary. $\frac{3}{4}$ of \$70 72. _____	80. Write as a decimal on the line below. 625% 80. _____

Name: _____

65.	73.
66.	74.
67.	75.
68.	76.
69.	77.
70.	78.
71.	79.
72.	80.

Formulas

Area of a Rectangle = Length x Width (L x W)

$$A = L \times W$$

Area of a Square = side x side

$$A = s \times s \text{ or } s^2$$

Perimeter of a Rectangle = $2L + 2W$ or $P = 2(L + W)$

Perimeter of a Square = $s + s + s + s$ or $4(s)$

81. Find the perimeter of a rectangle with length measuring 7.5 meters and width measuring 5.1 meters. 81. _____	89. Write the 6 times table in a column on a piece of paper 5 times. $6 \times 0 =$ $6 \times 1 =$ $6 \times 2 =$ $6 \times 3 =$
82. Find the perimeter of a rectangle with length measuring 18ft. and width measuring 1 yard. (Hint: 3 feet = 1 yard) 82. _____	$6 \times 4 =$ $6 \times 5 =$ $6 \times 6 =$ $6 \times 7 =$ $6 \times 8 =$ $6 \times 9 =$ $6 \times 10 =$ $6 \times 11 =$ $6 \times 12 =$
83. Find the perimeter of a square with a side measuring 27.6cm. 83. _____	90. Write the 7 times table in a column on a piece of paper 5 times.
84. Find the area of a rectangle with the length measuring 13.5 centimeters and width measuring 10.3 cm. 84. _____	91. Write the 8 times table in a column on a piece of paper 5 times.
85. Find the area of a square with a side measuring $1\frac{1}{2}$ yards. 85. _____	92. Write the 9 times table in a column on a piece of paper 5 times.
86. At \$4.25 per foot, what is the cost of fencing for a rectangular garden that is 20ft. wide and $30\frac{1}{2}$ feet long. (Hint: perimeter) 86. _____	93. Write the 12 times table in a column on a piece of paper 5 times.
87. 16 ounces (oz) equals 1 pound (lb) How many ounces does 2 pounds equal? 87. _____	94. Write all of the factors of 12. 94. _____
88. How many pounds does 8 ounces equal? 88. _____	95. Write the multiples of 3 up to 36. 95. _____

Summer 2025 Incoming 7th Grade Math Packet Work Page 6

Formulas

Area of a Rectangle = Length x Width (L x W)

$$A = L \times W$$

Perimeter of a Rectangle = $2L + 2W$ or $P = 2(L + W)$

Area of a Square = side x side

$$A = s \times s \text{ or } s^2$$

Perimeter of a Square = $s + s + s + s$ or $4(s)$

81.	89.
82.	
83.	90.
84.	91.
85.	92.
86.	93.
87.	94.
88.	95.