

Name: _____

Summer Math Packet for Students Entering 5th Grade
2017-2018

By completing this packet you will be reviewing the major skill sets covered in 4th Grade. Complete this packet using pencil and show all work when necessary. The Summer Math Packet is due the FIRST DAY OF SCHOOL, Tuesday, August 29, 2017.

A free website to practice math facts: <https://xtramath.org>

A. PLACE VALUE

DIRECTIONS: Write the place value (ones, tens, hundreds, etc.) of the underlined digit. Then write its value.

1. 2,242

2. 63,656

3. 199,999

4. 57,819

DIRECTIONS: Place a comma where needed in each number. Then write place value (ones, tens, hundreds, etc.) for each underlined digit.

4. 3 9 4 2 1

5. 2 0 0 0 6 0

6. 1 7 5 2 3

DIRECTIONS: Write the number in standard form.

7. fifty-four thousand, six hundred seventy-two

8. eight hundred thousand, six

9. four thousand, ten

10. twenty thousand, twenty-one

DIRECTIONS: Write the word name for each number.

11. 70,214

12. 293,780

13. 1,562

B. COMPARE AND ORDER WHOLE NUMBERS

DIRECTIONS: Compare. Write $<$, $>$, or $=$.

14. 3651 ____ 9151

15. 43,267 ____ 43,267

16. 479,059 ____ 479, 069

DIRECTIONS: Write in order from greatest to least.

17. 9458; 9124; 948; 972

18. 216,418; 215,783; 213,614; 221,986

19. 3951; 3068; 369; 3547

20. 99,407; 91,568; 90,999; 93,697

C. ROUND WHOLE NUMBERS

DIRECTIONS: Round to the nearest ten.

21. 86

22. 174

23. 397

24. 469

25. 875

26. 2587

DIRECTIONS: Round to the nearest hundred.

27. 896

28. 719

29. 950

30. 1047

31. 3888

32. 5942

33. 37,405

34. 62,345

35. 88,088

DIRECTIONS: Round to the nearest thousand.

36. 9155

37. 7983

38. 8396

39. 33,888

40. 15,942

41. 93,192

42. 563,498

43. 807,476

44. 821,593

D. ADDING AND SUBTRACTING WHOLE NUMBERS

DIRECTIONS: Rewrite each problem vertically. Add or Subtract. Show all work.

45. 615 – 287

46. 4306 + 3849

47. 6287 + 318

48. 659 + 286

49. $7583 - 2948$

50. $3717 - 839$

D. MULTIPLY BY ONE DIGIT

DIRECTIONS: Rewrite the problem vertically if necessary. Show all work.

51.
$$\begin{array}{r} 93 \\ \times 7 \\ \hline \end{array}$$

52.
$$\begin{array}{r} 24 \\ \times 8 \\ \hline \end{array}$$

53.
$$\begin{array}{r} 41 \\ \times 5 \\ \hline \end{array}$$

54.
$$\begin{array}{r} 825 \\ \times 4 \\ \hline \end{array}$$

55.
$$\begin{array}{r} 329 \\ \times 6 \\ \hline \end{array}$$

56. 8×93

57. 7×358

E. ONE-DIGIT QUOTIENTS

DIRECTIONS: Divide and Check. Show all work.

58.

$$4 \overline{) 39}$$

59.

$$7 \overline{) 60}$$

60.

$$5 \overline{) 47}$$

DIRECTIONS: Rewrite the problem. Find the quotient and the remainder Show all work.

61. $58 \div 6$

62. $32 \div 7$

63. $26 \div 3$

F. TWO-DIGIT QUOTIENTS

DIRECTIONS: Divide and Check. Show all work.

64. $2 \overline{) 58}$

65. $4 \overline{) 69}$

66. $6 \overline{) 93}$

DIRECTIONS: Rewrite the problem. Find the quotient and the remainder Show all work.

67. $85 \div 2$

68. $77 \div 5$

69. $91 \div 8$

G. FRACTIONS

DIRECTIONS: Draw a model to show each fraction.

70. $\frac{5}{7}$ as part of a whole

71. $\frac{7}{8}$ as part of a set

72. $\frac{3}{10}$ as a point on a number line

DIRECTIONS: Write the fraction in standard form.

73. six elevenths

74. four twentieths

75. the numerator is 6, the denominator is 13

DIRECTIONS: Rewrite the fraction including the missing part.

$$76. \frac{2}{5} = \frac{?}{10}$$

$$77. \frac{1}{2} = \frac{?}{6}$$

$$78. \frac{8}{10} = \frac{?}{5}$$

DIRECTIONS: Compare. Write $<$, $>$, or $=$.

$$79. \frac{3}{4} \quad \underline{\hspace{1cm}} \quad \frac{6}{8}$$

$$80. \frac{3}{5} \quad \underline{\hspace{1cm}} \quad \frac{1}{2}$$

$$81. \frac{4}{6} \quad \underline{\hspace{1cm}} \quad \frac{8}{12}$$

$$82. \frac{3}{5} \quad \underline{\hspace{1cm}} \quad \frac{8}{10}$$

DIRECTIONS: Add or Subtract.

$$83. \frac{7}{10}$$

$$+ \frac{2}{10}$$

$$84. \frac{3}{5}$$

$$- \frac{2}{5}$$

$$85. \frac{7}{8}$$

$$- \frac{3}{8}$$

$$86. \frac{4}{9}$$

$$+ \frac{4}{9}$$

H. TENTHS AND HUNDREDTHS

DIRECTIONS: Write each fraction as a decimal.

$$87. \frac{2}{10}$$

$$88. \frac{5}{10}$$

$$89. \frac{9}{100}$$

$$90. \frac{17}{100}$$

DIRECTIONS: Compare. Write $<$, $>$, or $=$.

91. 0.5 _____ 0.50

92. 0.06 _____ 0.6

93. 0.9 _____ $\frac{9}{10}$

94. 0.8 _____ $\frac{8}{100}$

I. CUSTOMARY UNITS OF LENGTH

DIRECTIONS = Which unit would you use to measure? Write in. (inches), ft. (feet), yd. (yard) or mi. (mile).

95. length of an eraser

96. height of a desk

97. width of a board

98. distance between two cities

99. length of a basketball court

100. width of a quarter (\$0.25 coin)
