

## Entering Second Grade Summer Math Packet

**First Name:** \_\_\_\_\_ **Last Name:** \_\_\_\_\_

**Second Grade Teacher:** \_\_\_\_\_

I have checked the work completed \_\_\_\_\_  
Parent signature

### 1. Fill in the missing numbers:

1		3		5	6			9	10
11			14		16		18	19	
	22		24	25		27			30
31			34	35		37			40
	42	43		45	46		48		50
51	52		54		56			59	
61		63				67	68		70
		73		75		77		79	
	82				86	87		89	
	92		94		96		98		

2. Skip count by 2's: 2, 4, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

3. Skip count by 5's: 5, 10, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

4. Find the sum:

$$\begin{array}{r} 5 \\ +3 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ +0 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ +2 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ +2 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ +6 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ +3 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ +7 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ +2 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ +0 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ +7 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ +5 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +7 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ +5 \\ \hline \end{array} \quad \begin{array}{r} 0 \\ +6 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ +9 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ +9 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ +4 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ +8 \\ \hline \end{array}$$

5. List the value of each coin.



6. Fill in the blanks, skip count by 5's.

	10					35			
55					80				100

7. Write these numbers from smallest to largest: 21, 16, 35, 8.

- A. 21, 35, 16, 8
- B. 16, 21, 35, 8
- C. 8, 16, 21, 35

8. Draw a line to match the coin with its name:



Front of penny

Back of nickel



Front of quarter



Front of dime



Back of quarter



Front of nickel



Back of penny

9. Find the sum.

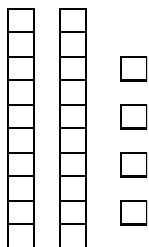
$$\begin{array}{r} 6 \\ +6 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ +3 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ +3 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ +0 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ +6 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ +4 \\ \hline \end{array}$$

Select the one best answer for each question.

10. Which number is ONE MORE than 27?

- A. 26
- B. 28
- C. 37

11. What number is represented by the following?



- A. 24
- B. 42
- C. 60

12. How can you make 8 cubes?

- A. 2 cubes plus 5 cubes
- B. 1 cube plus 8 cubes
- C. 2 cubes plus 6 cubes

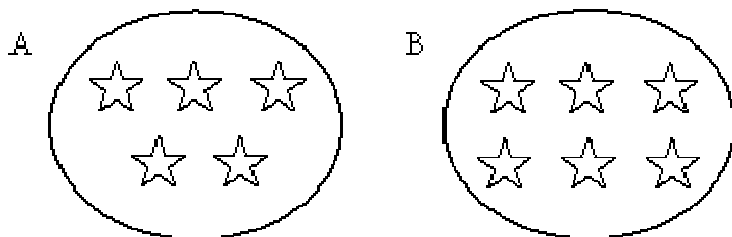
13. Sally and Ron are coming over at 2 o'clock to play and they have to go home at 5 o'clock. How many hours can you play together?

- A. 2 hours
- B. 3 hours
- C. 5 hours

14. Which number fact makes 8?

- A.  $7 + 2$
- B.  $3 + 4$
- C.  $4 + 4$

15. Which of these groups of stars has more stars in it?



- A. Group A
- B. Group B

16. Amanda looked at the night sky. She saw 12 stars. Then she saw 7 more. What number sentence shows how she counted the total number of stars she saw?

- A.  $12 - 7 = 5$
- B.  $12 + 7 = 5$
- C.  $12 + 7 = 19$

17. Write the missing numbers. Skip count by 2.

8, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 16

22, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 30

54, 56, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 64

18. Amanda had 12 crayons. Then Paul gave her 7 more. Make a drawing to show how you would solve this problem. Then circle your answer.

A. 5

B. 12

C. 19

19. Since  $3 + 6 = 9$ , then which subtraction is also correct?

A.  $3 - 6 = 9$

B.  $6 - 3 = 9$

C.  $9 - 3 = 6$

20. Solve this problem using a drawing:

8 birds were sitting in a tree. 3 flew away. How many are left?

\_\_\_\_\_ birds are left.

21. Find the difference.

$$\begin{array}{r} 8 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -3 \\ \hline \end{array}$$

22. What is the unknown number in  $\underline{\quad} + 2 = 7$ ?

- A. 9
- B. 7
- C. 5

23. Write the missing numbers. Skip count by 5's.

25, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 45

50, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 70

35, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 55

75, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 95

24. What is the unknown number in  $10 - \underline{\quad} = 6$ ?

- A. 4
- B. 6
- C. 16

25. Add  $22 + 5$  without using a calculator or fingers.

- A. 25
- B. 27
- C. 29

26. Find the difference.

8	7	6	5	6	7	8
<u>-5</u>	<u>-2</u>	<u>-3</u>	<u>-4</u>	<u>-2</u>	<u>-4</u>	<u>-4</u>

27. The movie starts at 3:00 pm and ends at 6:00 pm, how long is the movie?

- A. 2 hours
- B. 3 hours
- C. 4 hours

28. Write in the missing numbers. Skip count by 10's.

25, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

29. Find the sum:

6	0	3	3	6	8	1
<u>+2</u>	<u>+4</u>	<u>+1</u>	<u>+9</u>	<u>+8</u>	<u>+7</u>	<u>+3</u>

9	8	7	9	8	6	7
<u>+3</u>	<u>+8</u>	<u>+4</u>	<u>+4</u>	<u>+3</u>	<u>+4</u>	<u>+6</u>

30. Melissa had 22 stones. Her mother gave her 30 more stones. How many did she have altogether? Do not use a calculator.

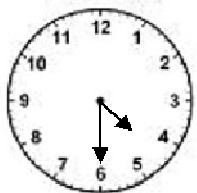
- A. 25
- B. 32
- C. 52

31. Subtract  $16 - 6$  without using a calculator.

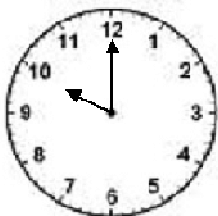
- A. 12
- B. 10
- C. 6



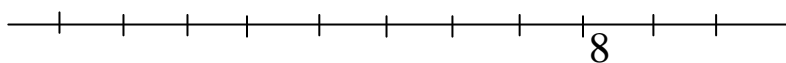
32. Look at the clock and tell what time it is.



- A. 4:06  
 B. 4:30  
 C. 6:20
33. What time is it?



- A. 2 o'clock  
 B. 10 o'clock  
 C. 12 o'clock
34. This number line shows only the number 8. Write the number 6 where it is supposed to be.



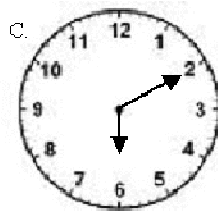
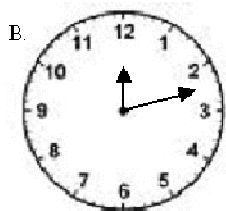
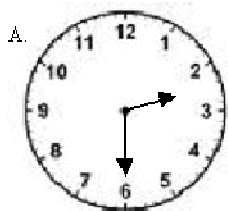
35. Fill in the blanks. Skip count by 5's.

25, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 50

60, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 80

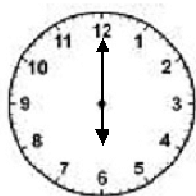
80, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 100

36. Which clock reads 2:30?



- A. A  
B. B  
C. C

37. What time is it?



- A. 12:00  
B. 12:30  
C. 6:00

38. Find the difference:

$$\begin{array}{r} 5 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ -6 \\ \hline \end{array}$$

**Ask Mom or Dad for some coins to help with the following questions or draw the coins on paper.**

39. Mike had 2 quarters in his pocket. He traded his 2 quarters with his friend Pam. They made an even trade. Mike got:

- A. 25 pennies
- B. 6 nickels
- C. 5 dimes

40. 10 dimes are equal to:

- A. 2 quarters
- B. \$1.00
- C. 10 cents

41. 1 dime is equal to:

- A. 1 nickel
- B. 3 nickels
- C. 1 nickel and 5 pennies

42. How much money is this?



- A. 30 cents
- B. 35 cents
- C. 40 cents

43. Write these numbers from smallest to largest. 36, 12, 28, 7

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

44. How much money is this?



- A. 5 cents
- B. 28 cents
- C. 53 cents

45. 23 is one more than \_\_\_\_\_

46. \_\_\_\_\_ is just before 12.

47. Jack had 50 cents. He lost 2 dimes. How much money does he have left?

- A. 48 cents
- B. 30 cents
- C. 20 cents

48. I bought candy for 20 cents and gum for 15 cents. How much money did I spend?

- A. 5 cents
- B. 35 cents
- C. 30 cents

49. Jane found 3 dimes and 1 nickel in her pocket. How much money did she have?

- A. 4 cents
- B. 30 cents
- C. 35 cents

50. Find the sum.

8	5	9	2	4	8	5
<u>+9</u>	<u>+8</u>	<u>+6</u>	<u>+8</u>	<u>+9</u>	<u>+8</u>	<u>+9</u>

3	6	4	1	7	7	5
<u>+5</u>	<u>+1</u>	<u>+2</u>	<u>+1</u>	<u>+1</u>	<u>+2</u>	<u>+4</u>

51. 16 is just after \_\_\_\_\_

52. \_\_\_\_\_ is between 44 and 46.

53. \_\_\_\_\_ is one more than 18.

54. Find the difference.

11	17	11	3	18	12	9
<u>-7</u>	<u>-8</u>	<u>-3</u>	<u>-2</u>	<u>-9</u>	<u>-3</u>	<u>-1</u>

3	16	9	9	15	5	6
<u>-1</u>	<u>-7</u>	<u>-4</u>	<u>-2</u>	<u>-7</u>	<u>-1</u>	<u>-5</u>

55. Art class start at 10:00 and ends at 12:00. How long is art class?

- A. 1 hour
- B. 2 hours
- C. 3 hours

56. John had 15 cents. He bought candy for 10 cents. How much money does he have left?

- A. 5 cents
- B. 10 cents
- C. 25 cents

57. \_\_\_\_\_ is just before 22.

58. 17 is one less than \_\_\_\_\_.

59. Stop signs have the shape of an octagon. How many sides do these signs have?



- A. 6 sides
- B. 8 sides
- C. 12 sides

60. Find the sum or difference.

4	7	3	8	3	0	7
<u>+6</u>	<u>-5</u>	<u>+8</u>	<u>-6</u>	<u>+2</u>	<u>+2</u>	<u>+8</u>

9	4	7	5	2	6	9
<u>-9</u>	<u>+7</u>	<u>+9</u>	<u>+7</u>	<u>+4</u>	<u>+9</u>	<u>-5</u>

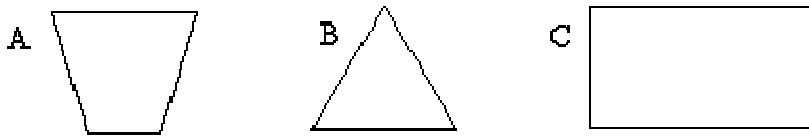
15	7	13	6	3	16	9
<u>-9</u>	<u>+7</u>	<u>-9</u>	<u>+6</u>	<u>+3</u>	<u>-9</u>	<u>-5</u>

61. What shape is the tool below?



- A. a square
- B. a rectangle
- C. a triangle

62. Which shape is the rectangle?



63. 19 is just after \_\_\_\_\_

64. \_\_\_\_\_ is just before 29.

65. What is the shape of a penny or dime?

- A. A circle
- B. A square
- C. An oval

66. Draw a square. How many sides does a square have?

- A. Three
- B. Four
- C. Five

67. Look at where the star and moon are located. Then choose which is correct.



- A. The moon is **BEHIND** the star.  
 B. The moon is **BELOW** the star.  
 C. The moon is **ABOVE** the star.

68. Find the sum or difference.

$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ +5 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ +4 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ +5 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ +7 \\ \hline \end{array}$
--	---	--	--	--	--	--

$\begin{array}{r} 5 \\ +6 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ +7 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ +8 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ +9 \\ \hline \end{array}$
--	--	--	--	--	--	--

69. Look at where the cat and toys are located. Then choose which is correct.



- A. The toys are to the **right** of the cat.  
 B. The toys are to the **left** of the cat.  
 C. The toys are **above** the cat.



70. Which number is 1 less than 38?

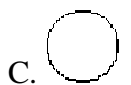
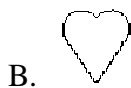
- A. 37
- B. 38
- C. 39

71. \_\_\_\_\_ is between 45 and 47.

72. Count by 2's. 10, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

73. 19 is one less than \_\_\_\_\_.

74. Jim likes to draw. He made a pattern. What would come next in his pattern?



75. What is just before 40? \_\_\_\_\_

76. Count by 2's. 6, 8, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 18, \_\_\_\_\_.

77. What number is ten more than 37?

- A. 36
- B. 38
- C. 47

78. Write in the missing numbers. Skip count by 5's.

15, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 40

79. Find the difference.

17	4	14	7	13	8	11
<u>-9</u>	<u>-4</u>	<u>-6</u>	<u>-6</u>	<u>-8</u>	<u>-4</u>	<u>-2</u>

80. Mrs. Clor has 15 star stickers. Kate has 1 fewer clown stickers. How many clown stickers does Kate have?

\_\_\_\_\_ clown stickers

81. Count backwards, write in the missing numbers.

20, 19, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 12

82. Brent's favorite number is the one that comes just before 25. What is his favorite number?

\_\_\_\_\_ is his favorite number.

83. Write in the missing numbers. Skip count by 3's.

3, 6, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 27

84. Find the difference.

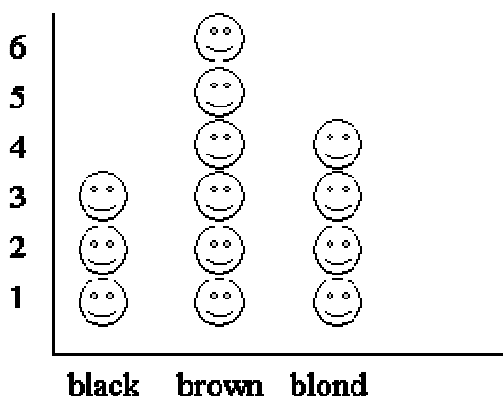
12	8	6	3	9	10	9
<u>-8</u>	<u>-8</u>	<u>-2</u>	<u>-0</u>	<u>-6</u>	<u>-6</u>	<u>-5</u>

9	8	10	9	10	1	12
<u>-7</u>	<u>-3</u>	<u>-7</u>	<u>-3</u>	<u>-5</u>	<u>-1</u>	<u>-4</u>

$$\begin{array}{r} 7 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 13 \\ -6 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 16 \\ -8 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ -7 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -2 \\ \hline \end{array}$$

85. Look at the pictograph. What hair color did most children in Mrs. Moss' class have?

Hair Color in Mrs. Moss' Class



- A. black  
B. brown  
C. blond

86. Write  $>$  or  $<$

$9 \bigcirc 7$

$10 \bigcirc 8$

$0 \bigcirc 59$

$19 \bigcirc 31$

$10 \bigcirc 21$

$0 \bigcirc 11$

$41 \bigcirc 39$

$10 \bigcirc 45$

$0 \bigcirc 31$

$44 \bigcirc 30$

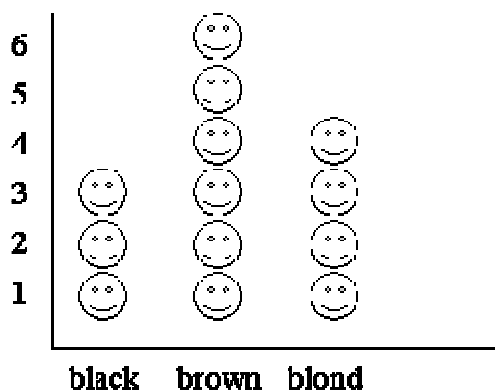
$20 \bigcirc 19$

$0 \bigcirc 24$

87. How much does 3 dimes equal? \_\_\_\_\_

88. How much does 3 nickles equal? \_\_\_\_\_
89. What number is one more than 63? \_\_\_\_\_
90. Look at the pictograph. How many children in Mrs. Moss' class have black hair?

**Hair Color in Mrs. Moss' Class**



- A. 3  
B. 4  
C. 6

91. Find the sum or difference. Watch the signs.

8	5	6	14	8	9	6
<u>+8</u>	<u>-3</u>	<u>+6</u>	<u>-8</u>	<u>-6</u>	<u>+9</u>	<u>-3</u>

6	6	3	3	7	7	2
<u>+6</u>	<u>-4</u>	<u>+3</u>	<u>+9</u>	<u>-4</u>	<u>+7</u>	<u>+2</u>

7	8	13	4	10	11	6
<u>-5</u>	<u>+8</u>	<u>-5</u>	<u>+4</u>	<u>-1</u>	<u>-4</u>	<u>-4</u>

92. 36 is one more than \_\_\_\_\_

93. \_\_\_\_\_ is just before 40.

94. \_\_\_\_\_ is one more than 28.

95. \_\_\_\_\_ is just after 22.

96. Find the sum or difference. Watch the signs.

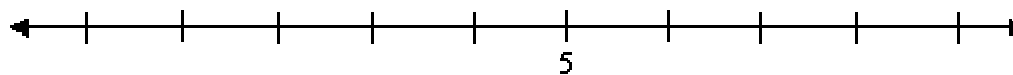
4	10	14	8	8	11	7
<u>+6</u>	<u>- 4</u>	<u>- 5</u>	<u>+6</u>	<u>- 1</u>	<u>- 2</u>	<u>+8</u>

9	4	16	5	2	13	8
<u>+9</u>	<u>- 2</u>	<u>- 9</u>	<u>+7</u>	<u>+4</u>	<u>- 9</u>	<u>- 5</u>

97. What number is just after 29? \_\_\_\_\_

98. \_\_\_\_\_ is just before 40.

99. This number line shows only the number 5. Write the number 6 where it is supposed to be.



100. What number is 1 less than 56?

\_\_\_\_\_

101. Show how you can make 24 using tens and ones. You can make a drawing of counters or ten blocks.

102. Write 5 different number facts that equal 9 such as  $2 + 7$ .

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

103. Find the sum:

8	6	4	7	2	3	9
<u>+8</u>	<u>+6</u>	<u>+4</u>	<u>+7</u>	<u>+2</u>	<u>+3</u>	<u>+9</u>

104. Show how you would solve this problem:

Steven had 7 toy cars. He wanted 13. How many more toy cars would Steven need to have 13 altogether?

Then choose 2 math sentences that could show how to solve this.

A.  $7 + 6 = 13$

B.  $13 - 7 = 6$

C.  $7 + 13 = 20$

D.  $7 - 13 = 6$

105. Find the sum or difference:

$$\begin{array}{r} 4 \\ -2 \end{array} \quad \begin{array}{r} 15 \\ -2 \end{array} \quad \begin{array}{r} 5 \\ +5 \end{array} \quad \begin{array}{r} 4 \\ -3 \end{array} \quad \begin{array}{r} 8 \\ +4 \end{array} \quad \begin{array}{r} 6 \\ +5 \end{array} \quad \begin{array}{r} 3 \\ +7 \end{array}$$

$$\begin{array}{r} 5 \\ +6 \end{array} \quad \begin{array}{r} 9 \\ +7 \end{array} \quad \begin{array}{r} 4 \\ +8 \end{array} \quad \begin{array}{r} 8 \\ -7 \end{array} \quad \begin{array}{r} 6 \\ -4 \end{array} \quad \begin{array}{r} 8 \\ -1 \end{array} \quad \begin{array}{r} 2 \\ +9 \end{array}$$

106. Finish the pattern.

0, 2, 4, 6, 8, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

- A. 9, 10, 11
- B. 10, 12, 13
- C. 10, 12, 14

107. Add  $3 + 5 + 2$ . Write your answer here \_\_\_\_\_.

108. If  $7 + 4 = 11$ , then what other subtraction problem would also be true?

- A.  $7 - 4 = 11$
- B.  $11 - 4 = 7$
- C.  $4 - 7 = 11$

109. If  $14 - 6 = 8$ , then what other addition problem would also be true?

- A.  $14 + 8 = 6$
- B.  $6 + 14 = 8$
- C.  $8 + 6 = 14$

110. Brent had 9 dollars. After Brent got paid 7 dollars for mowing a lawn, how much did he have?

\_\_\_\_\_ dollars

111. Numbers... they are shady characters. You have to keep an eye on them! In the grid below, a secret message is hidden from your view. If you shade in all the “shady” odd numbers, you will be able to decode the message!



18	3	16	14	16	48	24	88	46	72	92
5	2	17	28	30	98	5	50	86	90	47
13	20	23	4	24	52	3	20	10	66	13
9	32	27	40	6	100	39	54	30	56	1
7	22	11	12	97	33	43	44	73	81	65
25	34	29	42	95	8	35	60	15	58	89
21	38	19	10	93	62	37	402	397	60	87
36	15	46	44	99	29	41	40	401	77	143

Congratulations!! You have completed the summer math packet. Turn this into your 2<sup>nd</sup> grade teacher to receive your prize.

