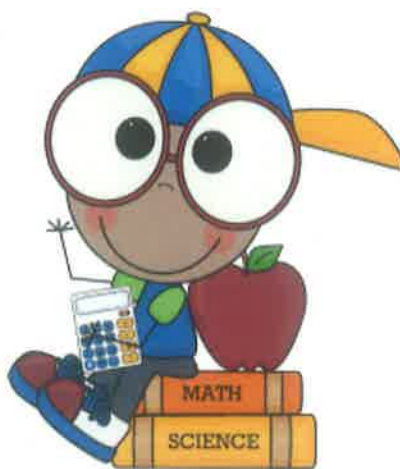


Welcome to 2nd Grade!

Summer is right around the corner, and we know you are ready for some fun in the sun! But before you leave school, the second grade teachers want to send you off with some important information you will need for the fall. Please let us know if you have any questions.
Mrs. Adley & Mrs. Connors



Some other ways to get ready for 2nd grade are by using ST Math and Xtramath.

For ST Math, use your username (lunch number) and password (birthdate) to log in through Clever. This needs to be done on a desktop computer.

Go to xtramath.org to sign your child up for free addition and subtraction fact practice.

Don't Forget...

Summer math and reading will be due when you return to school next fall. Make sure to complete the math packet and summer reading to get ready for 2nd grade!

Reading Challenge:

Don't forget to log your daily scholastic reading minutes through Clever.

List of Supplies for Grade 2:

- **1 box of pencils (Ticonderoga)**
- **1 box of Crayola crayons (no bigger than 24 count)**
- **2 glue sticks**
- **1 small box of colored pencils**
- **1 box of Crayola fine tip and broad tip markers**
- **2 two-pocket folders**
- **1 box of Expo thin black dry erase markers**
- **1 centimeter/inch ruler**
- **1 box of pencil top erasers**

Classroom Wishlist:

Donations of:

- **Tissues**
- **Tubs of Cleaning Wipes**
- **Rolls of paper towels**
- **Hand Sanitizer**
- **Colored cardstock**

Summer Math Packet for Students Entering 2nd Grade

Your 1st grader had a busy year learning new math skills. Mastery of all these skills is extremely important in order to develop a solid math foundation. The second grade math curriculum will add onto these first grade skills. Any time spent learning or reinforcing these concepts will be very beneficial to your child.

Please return this completed packet on the first day of school as part of your child's summer enrichment folder. Students with completed folders will receive a prize of 50 cougar cash for participating, but the biggest prize of all is being ready for second grade!

After your child has completed the math problems if you feel he or she is still struggling on a certain concept and needs further practice, have your child play games on one of the following websites:

- www.coolmath-games.com
- www.wildmath.com
- www.harcourtschool.com
- www.aplusmath.com
- www.aaamath.com
- www.funbrain.com

Other games and activities you can play include:

- Number Dot to Dot books or coloring books with addition/subtraction problems to color by.
- Write the numbers 1 – 50 or to 100 on index cards or pieces of paper. One number on each card. You can play war. Divide cards up evening among all players. Cards are face down. Each player turns over their top card. Highest number takes all the cards. Keep playing until you are through all cards. Person with the most cards wins. Have all cards face down. Select 4 to 5 cards and put them in order from least to greatest or you can do largest to

smallest.

- Using sidewalk chalk, have them write the numbers counting backwards from 20.
- Play a game while in the car or waiting in line. What number comes before 60? What number comes after 29? 50 is one more than ____? 39 is one less than ____? What comes between 62 and 64?
- Practice counting by 5's, 10's, or 2's. Have them write it in sidewalk chalk. Counting by 2's how many steps are from your bedroom to the bathroom? Etc..
- Take a deck of cards and remove the face cards (kings, queens, jacks). Aces are one. Divide the cards evenly among 2 players. Each player flips over a card. The first one to add the 2 numbers correctly wins the cards. After going through the pile of cards, the player with the most cards wins. You can do a subtraction version also.

Have a wonderful summer!!

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, _____, _____, _____, _____, _____.

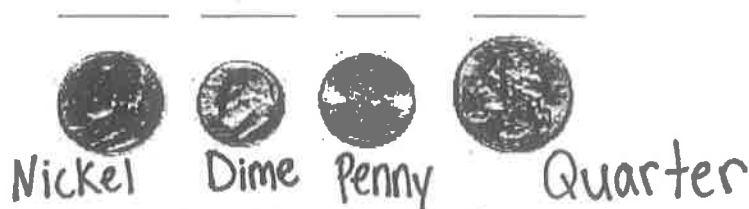
4. Find the sum:

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

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

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

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. Write the missing numbers. Skip count by 2.

8, _____, _____, _____, 16

22, _____, _____, _____, 30

54, 56, _____, _____, _____, 64

9. 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

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

A. $3 - 6 = 9$

B. $6 - 3 = 9$

C. $9 - 3 = 6$

11. Solve this problem using a drawing:

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

_____ birds are left.

12. Find the difference.

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

13. What is the unknown number in $__? __ + 2 = 7$?

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

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

25, _____, _____, _____, 45

50, _____, _____, _____, 70

35, _____, _____, _____, 55

75, _____, _____, _____, 95

15. What is the unknown number in $10 - __? __ = 6$?

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

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

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

17. 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>

18. 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

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

25, _____, _____, _____, _____

20. Find the sum:

$$\begin{array}{r} 6 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +1 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +9 \\ \hline \end{array}$$

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

$$\begin{array}{r} 8 \\ +7 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ +8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ +4 \\ \hline \end{array}$$

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

$$\begin{array}{r} 8 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ +6 \\ \hline \end{array}$$

21. 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

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

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

23. Which number is 1 less than 38?

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

24. _____ is between 45 and 47.

25. Count by 2's. 10, _____, _____, _____, _____, _____.

26. 19 is one less than _____.

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



28. What is just before 40? _____

29. Count by 2's. 6, 8, _____, _____, _____, _____, 18, _____.

30. What number is ten more than 37?

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

NAME _____

DATE _____

31. Missing Numbers Grid 3

1	2	3	4	5	6		8	9	10
	12	13		15		17	18	19	
21	22	23	24		26	27		29	30
31			34	35		37	38	39	40
41	42	43		45	46		48	49	
	52	53	54		56	57	58		60
61	62			65	66	67		69	70
71		73	74	75	76		78	79	
81	82	83	84		86	87		89	90
91	92		94	95	96		98		100
	102	103		105		107	108	109	110
111	112		114	115	116	117		119	120

32. 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.

33. Find the sum or difference.

4	15	5	4	8	6	3
<u>-2</u>	<u>-2</u>	<u>+5</u>	<u>-3</u>	<u>+4</u>	<u>+5</u>	<u>+7</u>

5	9	4	8	6	8	2
<u>+6</u>	<u>+7</u>	<u>+8</u>	<u>-7</u>	<u>-4</u>	<u>-1</u>	<u>+9</u>

34. 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.

35. 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

36. 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

37. ____ is just before 22.

38. 17 is one less than ____.

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



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

40. 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>

41. 36 is one more than _____

42. _____ is just before 40.

43. _____ is one more than 28.

44. _____ is just after 22.

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

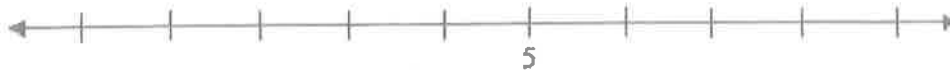
4	10	14	8	8	11	7
<u>+6</u>	<u>-4</u>	<u>-5</u>	<u>+6</u>	<u>-1</u>	<u>-2</u>	<u>+8</u>

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>

46. What number is just after 29? _____

47. _____ is just before 40.

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



49. What number is 1 less than 56?

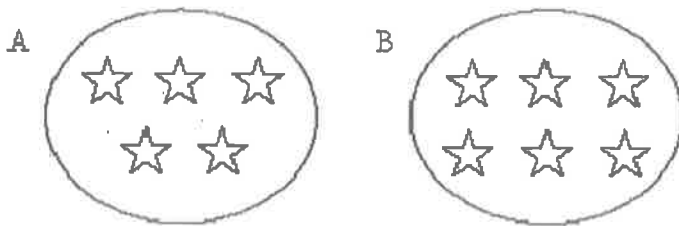
50. Sally and Ron are coming over at 2 o'clock to play and they have to go home at 5 o'clock. How many hours can you play together?

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

51. Which number fact makes 8?

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

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



- A. Group A
- B. Group B

53. 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. $12 + 7 = 19$

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

15, _____, _____, _____, _____, 40

55. 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>

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

_____ clown stickers

57. Count backwards, write in the missing numbers.

20, 19, _____, _____, _____, _____, _____, _____, 12

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

_____ is his favorite number.

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

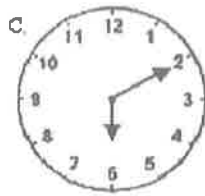
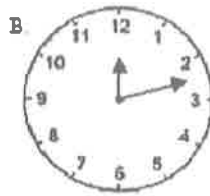
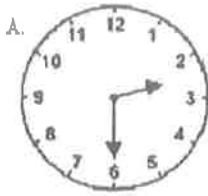
3, 6, _____, _____, _____, _____, _____, _____, 27

60. 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>

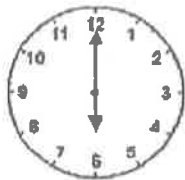
9	8	10	9	10	1	12
<u>-7</u>	<u>-3</u>	<u>-7</u>	<u>-3</u>	<u>-5</u>	<u>-1</u>	<u>-4</u>

61. Which clock reads 2:30?



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

62. What time is it?



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

63. Find the difference:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

1. _____

2. _____

3. _____

4. _____

5. _____

66. Find the sum:

$$\begin{array}{r} 8 \\ +8 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ +6 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ +7 \\ \hline \end{array}$$

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

$$\begin{array}{r} 3 \\ +3 \\ \hline \end{array}$$

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

67. 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. $7 - 13 = 6$

68. 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

69. 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>

70. 16 is just after _____.

71. _____ is between 44 and 46.

72. _____ is one more than 18.

73. 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>