Rising 2nd Grade Math

Dear Parents,

Attached is the 2nd-grade math packet. Please have your child complete each page, and bring the completed packet on the first day of school. This will be your child's first math grade in 2nd grade.

In order to be successful in 2nd-grade math, it is very important for the children to know the basic addition and subtraction facts to 18. We have included practice for this in our packet. However, students love flashcards and games. You can also find videos and other instructional materials to help make it fun. You can quiz and drill them orally just driving along in the car. Make it fun - praise - encourage.

The other practice assignments are concepts that are important to review. Again, we encourage you to make it fun. Complete the math packet a little at a time. The idea is to keep skills and objectives fresh for the beginning of the new school year.

Here are a few other helpful websites:

www.math-drills.com

www.coolmath4kids.com

www.funbrain.com/math

We hope you have a great summer!

Name _____ Date _____

Write each sum. (Grade 1, Chapter 1)

1. $3 + 3 =$ _____

2. $4 + 1 =$ _____

3. $3 + 1 =$ _____

4. $2 + 5 =$ _____

5. $5 + 1 =$ _____

6. $3 + 2 =$ _____

7. _____ $= 6 + 1$

8. _____ $= 0 + 8$

9. _____ $= 2 + 6$

10. _____ $= 1 + 4$

11. _____ $= 3 + 5$

12. _____ $= 3 + 4$

13. _____ $= 7 + 0$

14. _____ $= 5 + 3$

15. _____ $= 4 + 4$

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

17. $\begin{array}{r} 1 \\ + 5 \\ \hline \end{array}$

18. $\begin{array}{r} 4 \\ + 2 \\ \hline \end{array}$

19. $\begin{array}{r} 0 \\ + 6 \\ \hline \end{array}$

20. $\begin{array}{r} 5 \\ + 3 \\ \hline \end{array}$

21. $\begin{array}{r} 1 \\ + 7 \\ \hline \end{array}$

22. $\begin{array}{r} 2 \\ + 5 \\ \hline \end{array}$

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

24. $\begin{array}{r} 6 \\ + 0 \\ \hline \end{array}$

25. $\begin{array}{r} 3 \\ + 4 \\ \hline \end{array}$

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

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

28. $\begin{array}{r} 4 \\ + 1 \\ \hline \end{array}$

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

30. $\begin{array}{r} 5 \\ + 0 \\ \hline \end{array}$

31. $\begin{array}{r} 7 \\ + 1 \\ \hline \end{array}$

Name _____ Date _____

Write each difference. (Grade 1, Chapter 2)

1. $4 - 3 =$ _____   2. $6 - 2 =$ _____   3. $6 - 3 =$ _____

4. $6 - 5 =$ _____   5. $5 - 4 =$ _____   6. $3 - 1 =$ _____

7. $6 - 1 =$ _____   8. $4 - 2 =$ _____   9. $5 - 1 =$ _____

10. $5 - 5 =$ _____   11. $4 - 0 =$ _____   12. $2 - 0 =$ _____

13. $1 - 1 =$ _____   14. $1 - 0 =$ _____   15. $2 - 2 =$ _____

16. $\begin{array}{r} 5 \\ -3 \\ \hline \end{array}$ 17. $\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$ 18. $\begin{array}{r} 4 \\ -4 \\ \hline \end{array}$ 19. $\begin{array}{r} 5 \\ -2 \\ \hline \end{array}$

20. $\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$ 21. $\begin{array}{r} 8 \\ -4 \\ \hline \end{array}$ 22. $\begin{array}{r} 6 \\ -6 \\ \hline \end{array}$ 23. $\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$

24. $\begin{array}{r} 6 \\ -1 \\ \hline \end{array}$ 25. $\begin{array}{r} 4 \\ -0 \\ \hline \end{array}$ 26. $\begin{array}{r} 7 \\ -3 \\ \hline \end{array}$ 27. $\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$

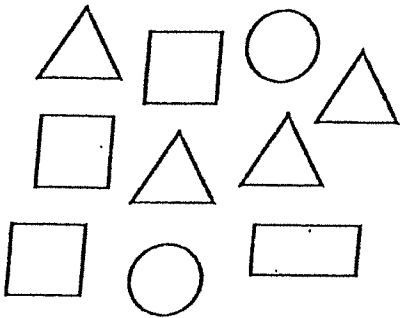28. $\begin{array}{r} 3 \\ -3 \\ \hline \end{array}$ 29. $\begin{array}{r} 6 \\ -3 \\ \hline \end{array}$ 30. $\begin{array}{r} 4 \\ -3 \\ \hline \end{array}$ 31. $\begin{array}{r} 6 \\ -2 \\ \hline \end{array}$
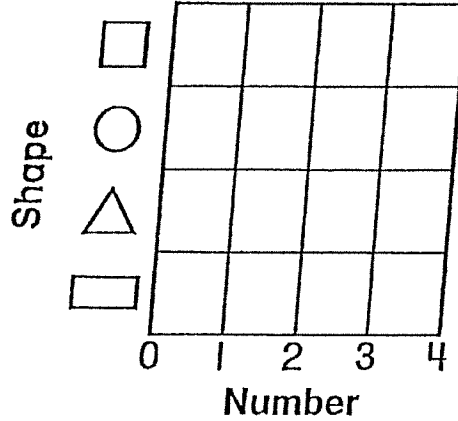
Name _____ Date _____

Write each sum. (Grade 1, Chapter 3)

1. 4   2. 2   3. 7   4. 5   5. 8
   +3   +6   +3   +3   +0
   ___   ___   ___   ___   ___

6. 4   7. 4   8. 8   9. 9   10. 5
   +2   +4   +2   +0   +1
   ___   ___   ___   ___   ___

11. 0   12. 5   13. 5   14. 3   15. 4
    +9   +2   +5   +4   +3
    ___   ___   ___   ___   ___

Write each difference. (Grade 1, Chapter 3)

16. 6   17. 7   18. 10   19. 9   20. 8
    −5   −3   − 1   −3   −3
    ___   ___   ___   ___   ___

21. 5   22. 6   23. 4   24. 8   25. 10
    −2   −3   −1   −1   − 2
    ___   ___   ___   ___   ___

26. 5   27. 8   28. 9   29. 4   30. 5
    −0   −6   −3   −0   −4
    ___   ___   ___   ___   ___

Name _____ Date _____

Use the picture to make a bar graph. (Grade 1, Chapter 4)

1.

Types of Shapes

Use the tally chart to make the bar graph.
Then solve. (Grade 1, Chapter 4)

4.

Number of Coins	
(penny)	|||
(nickel)	||||	
(dime)	||||

Number of Coins

2. How many more ☐ than ◯? _____ more

3. How many △ and ☐ in all? _____ in all

5. How many fewer (nickel) than (nickel)? _____ fewer
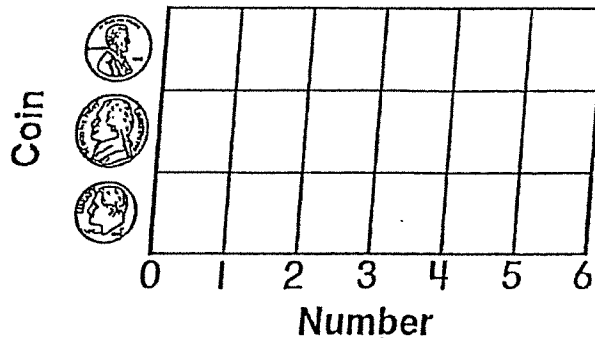
6. How many (penny) and (dime) in all? _____ in all
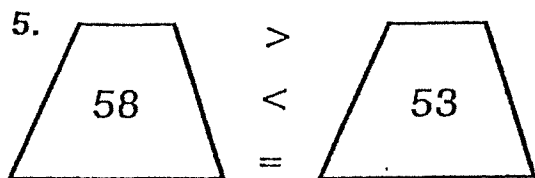
Name _____ Date _____

Write how many. (Grade 1, Chapter 5)

1.

Tens	Ones

forty-three

2.

Tens	Ones
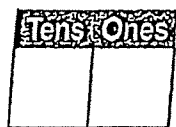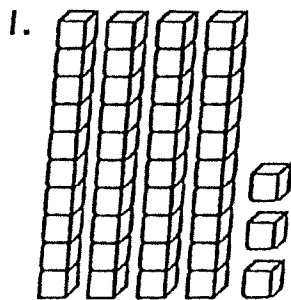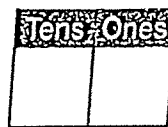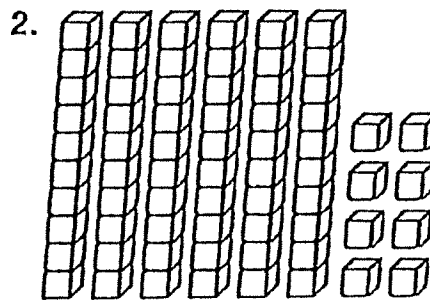
sixty-eight

Circle the number that is greater. (Grade 1, Chapter 5)

3.   35   42

4.   56   50
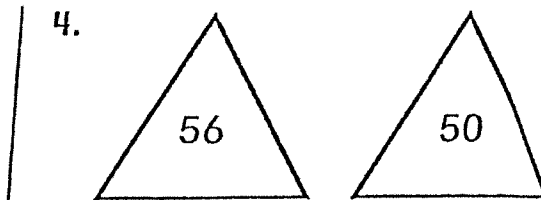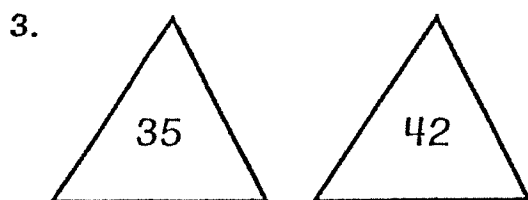
Compare. Circle >, <, or =. (Grade 1, Chapter 5)

5.   58   >
            <   53
            =

6.   18   >
            <   81
            =
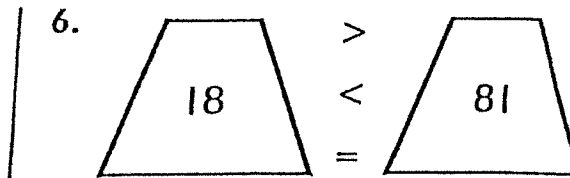
Name _____ Date _____

Write the missing numbers. (Grade 1, Chapter 5)

1. 24, _____   2. _____, 62   3. 29, _____

4. _____, 58   5. 33, _____, 35   6. _____, 14, _____

Write each sum. (Grade 1, Chapter 6)

7. $3 + 7 =$ _____   8. $8 + 3 =$ _____   9. $3 + 5 =$ _____

10. $5 + 6 =$ _____   11. $3 + 9 =$ _____   12. $6 + 6 =$ _____

13. 3   14. 4   15. 2   16. 3   17. 6
     4   2   4   7   2
   $+4$ $+2$ $+5$ $+2$ $+2$
  -----   -----   -----   -----   -----

Add or subtract. (Grade 1, Chapter 6)

18. 7   1 1   19. 8   1 0   20. 6   1 1
   $+4$ $- 7$ $+2$ $- 8$ $+5$ $- 6$
  -----   -----   -----   -----   -----   -----

Complete each fact family. (Grade 1, Chapter 6)

21. $10 - 4 =$ _____   22. $5 + 7 =$ _____

$10 - 6 =$ _____   _____ $+$ _____ $=$ _____

_____ $+$ _____ $=$ _____ $12 - 5 =$ _____

_____ $+$ _____ $=$ _____   _____ $-$ _____ $=$ _____

Name _____ Date _____

Write how much in all. (Grade 1, Chapter 7)

1.

_____¢   _____¢   _____¢   _____¢   _____¢   _____¢ in all

2.

_____¢   _____¢   _____¢   _____¢   _____¢   _____¢   _____¢ in all

Circle the coins that make 25¢. (Grade 1, Chapter 7)

3.

4.

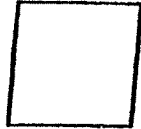Circle the coins that match each price. (Grade 1, Chapter 7)
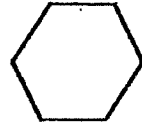
5. | 26¢ |

6. | 37¢ |

Name _____ Date _____

Write how many corners and sides. (Grade 1, Chapter 8)

1. square _____ corners

_____ sides

2. hexagon _____ corners

_____ sides

Circle the shapes below that match the words. (Grade 1, Chapter 8)

3. Shapes with no sides

4. Shapes with more than 2 corners

5. Shapes with matching parts
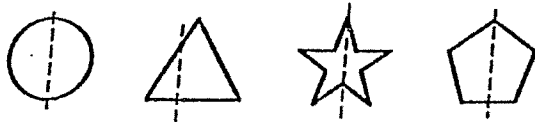
6. Shapes that show one half
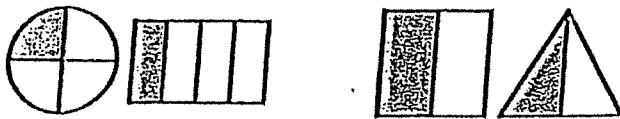
7. Shapes that show one fourth

Name _____ Date _____

Add. Then write each difference. (Grade 1, Chapter 9)

1. $7 + 10 =$ _____

   $17 - 7 =$ _____

   $17 - 10 =$ _____

2. $8 + 7 =$ _____

   $15 - 8 =$ _____

   $15 - 7 =$ _____

3. $7 + 9 =$ _____

   $16 - 7 =$ _____

   $16 - 9 =$ _____

4. $8 + 9 =$ _____

   $17 - 8 =$ _____

   $17 - 9 =$ _____

5. $10 + 5 =$ _____

   $15 - 10 =$ _____

   $15 - 5 =$ _____

6. $6 + 9 =$ _____

   $15 - 6 =$ _____

   $15 - 9 =$ _____

Write the missing numbers. (Grade 1, Chapter 9)

7. $16 - 8 =$ _____

   $8 +$ _____ $= 16$

8. $17 - 10 =$ _____

   $10 +$ _____ $= 17$

Write each difference. (Grade 1, Chapter 9)

9. $\begin{array}{r} 14 \\ -6 \\ \hline \end{array}$

10. $\begin{array}{r} 18 \\ -10 \\ \hline \end{array}$

11. $\begin{array}{r} 13 \\ -6 \\ \hline \end{array}$
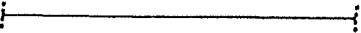
12. $\begin{array}{r} 18 \\ -9 \\ \hline \end{array}$
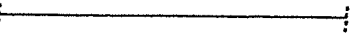
13. $\begin{array}{r} 20 \\ -10 \\ \hline \end{array}$
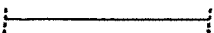
Name _____ **Date** _____

Use a ruler to measure in inches. (Grade 1, Chapter 10)

1. |————————————| _____ inches

2. _____ inch

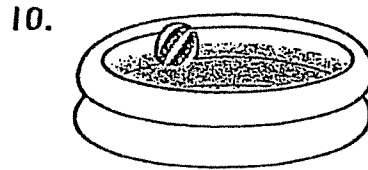*Use a ruler to measure in centimeters. (Grade 1, Chapter 10)*

3. |————————————|

_____ centimeters

4. |————————|

_____ centimeters

Circle the objects that hold more than 1 liter. (Grade 1, Chapter 10)

5. 6. 7.
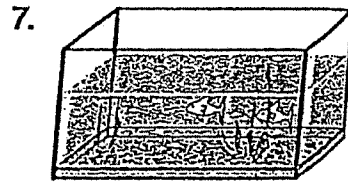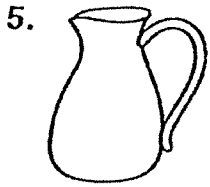
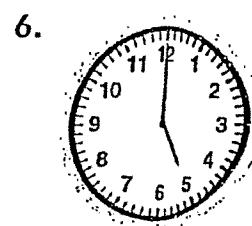*Circle the objects that hold less than 1 liter. (Grade 1, Chapter 10)*
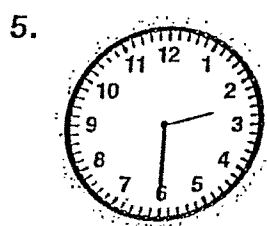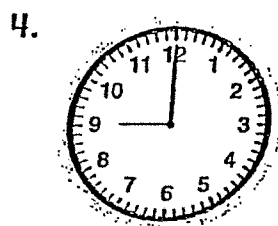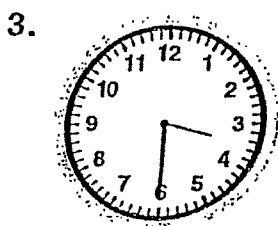
8. 9. 10.

Name _____ Date _____

Write each time two ways. (Grade 1, Chapter 11)

1. _____

_____ o'clock

2. _____

half past _____

Draw lines to match the clocks. (Grade 1, Chapter 11)

3.   **4.**   **5.**   **6.**

Use the calendar for Exercises 7 and 8. (Grade 1, Chapter 11)

July						
S	M	T	W	Th	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23/30	24/31	25	26	27	28	29

7. On what day of the week is July 26?

_____

8. What is the date of the second Monday?

_____

Name _____ Date _____

Add. (Grade 1, Chapter 12)

1. $\begin{array}{r} 60 \\ +\ 5 \\ \hline \end{array}$
2. $\begin{array}{r} 22 \\ +\ 6 \\ \hline \end{array}$
3. $\begin{array}{r} 43 \\ +\ 5 \\ \hline \end{array}$
4. $\begin{array}{r} 82 \\ +\ 4 \\ \hline \end{array}$
5. $\begin{array}{r} 32 \\ +\ 3 \\ \hline \end{array}$

6. $\begin{array}{r} 30 \\ +40 \\ \hline \end{array}$
7. $\begin{array}{r} 20 \\ +30 \\ \hline \end{array}$
8. $\begin{array}{r} 62 \\ +10 \\ \hline \end{array}$
9. $\begin{array}{r} 48 \\ +20 \\ \hline \end{array}$
10. $\begin{array}{r} 36 \\ +12 \\ \hline \end{array}$

11. $\begin{array}{r} 55 \\ +24 \\ \hline \end{array}$
12. $\begin{array}{r} 33 \\ +42 \\ \hline \end{array}$
13. $\begin{array}{r} 62 \\ +25 \\ \hline \end{array}$
14. $\begin{array}{r} 82 \\ +16 \\ \hline \end{array}$
15. $\begin{array}{r} 31 \\ +24 \\ \hline \end{array}$

Add or subtract. (Grade 1, Chapter 12)

16. $\begin{array}{r} 46¢ \\ +21¢ \\ \hline \end{array}$
17. $\begin{array}{r} 27¢ \\ -12¢ \\ \hline \end{array}$
18. $\begin{array}{r} 85¢ \\ -34¢ \\ \hline \end{array}$
19. $\begin{array}{r} 68¢ \\ -\ 5¢ \\ \hline \end{array}$
20. $\begin{array}{r} 35¢ \\ +20¢ \\ \hline \end{array}$

21. $\begin{array}{r} 34¢ \\ +\ 4¢ \\ \hline \end{array}$
22. $\begin{array}{r} 72¢ \\ +25¢ \\ \hline \end{array}$
23. $\begin{array}{r} 58¢ \\ -\ 4¢ \\ \hline \end{array}$
24. $\begin{array}{r} 63¢ \\ -22¢ \\ \hline \end{array}$
25. $\begin{array}{r} 48¢ \\ -26¢ \\ \hline \end{array}$

26. $\begin{array}{r} 34¢ \\ +34¢ \\ \hline \end{array}$
27. $\begin{array}{r} 70¢ \\ +18¢ \\ \hline \end{array}$
28. $\begin{array}{r} 64¢ \\ -12¢ \\ \hline \end{array}$
29. $\begin{array}{r} 48¢ \\ -36¢ \\ \hline \end{array}$
30. $\begin{array}{r} 89¢ \\ -27¢ \\ \hline \end{array}$

Name _____ Date _____

Find each sum. (Objective 1A)

1.	6	3	2.	2	8	3.	3	4
	+3	+6		+8	+2		+4	+3

Count on to add.
Use the number line to help you. (Objective 1A)
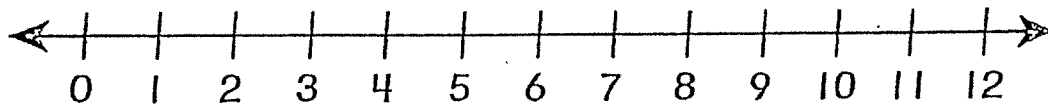
4. $9 + 3 =$ _____   5. $2 + 7 =$ _____   6. $8 + 2 =$ _____

Find each sum. (Objective 1A)

7.	3	8.	7	9.	5	10.	9	11.	4
	+3		+7		+5		+9		+4

Write the sum.
Then complete two addition facts that are one more. (Objective 1A)

12. $5 + 5 =$ _____   13. $8 + 8 =$ _____   14. $6 + 6 =$ _____

$5 + 6 =$ _____ $9 + 8 =$ _____ $7 + 6 =$ _____

$6 + 5 =$ _____ $8 + 9 =$ _____ $6 + 7 =$ _____

Name _____ Date _____

Find each sum.
Look for two numbers to add first. (Objective 1A)

1. $8 + 3 + 8 = $ _____

2. $1 + 7 + 9 = $ _____

3. $6 + 2 + 2 = $ _____

4. $5 + 6 + 5 = $ _____

Count back to subtract.
Use the number line to help you. (Objective 1B)

$$\longleftarrow \;|\;|\;|\;|\;|\;|\;|\;|\;|\;|\;|\;|\;| \longrightarrow$$

0 1 2 3 4 5 6 7 8 9 10 11 12
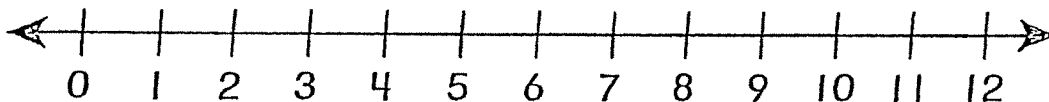
5. $8 - 3 = $ _____

6. $12 - 2 = $ _____

7. $10 - 1 = $ _____

Add or subtract. (Objective 1B)

8.
$$\begin{array}{r} 7 \\ +6 \\ \hline \end{array} \qquad \begin{array}{r} 13 \\ -\ 6 \\ \hline \end{array} \qquad \begin{array}{r} 13 \\ -\ 7 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 5 \\ +9 \\ \hline \end{array} \qquad \begin{array}{r} 14 \\ -\ 5 \\ \hline \end{array} \qquad \begin{array}{r} 14 \\ -\ 9 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 9 \\ +8 \\ \hline \end{array} \qquad \begin{array}{r} 17 \\ -\ 8 \\ \hline \end{array} \qquad \begin{array}{r} 17 \\ -\ 9 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 10 \\ +\ 8 \\ \hline \end{array} \qquad \begin{array}{r} 18 \\ -\ 8 \\ \hline \end{array} \qquad \begin{array}{r} 18 \\ -10 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 8 \\ +7 \\ \hline \end{array} \qquad \begin{array}{r} 15 \\ -\ 7 \\ \hline \end{array} \qquad \begin{array}{r} 15 \\ -\ 8 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 9 \\ +3 \\ \hline \end{array} \qquad \begin{array}{r} 12 \\ -\ 3 \\ \hline \end{array} \qquad \begin{array}{r} 12 \\ -\ 9 \\ \hline \end{array}$$

Name _____ Date _____

Circle the names for each number. (Objective 1C)

| 1. 7 | $15 - 8$ | $6 - 1$ | $5 + 2$ | $4 + 3$ |

| 2. 9 | $17 - 8$ | $4 + 5$ | $11 - 2$ | $2 + 8$ |

Complete each number sentence. (Objective 1C)

3. $4 + 8 =$ _____

   $8 + 4 =$ _____

   $12 - 4 =$ _____

   $12 -$ _____ $= 4$

4. $7 + 8 =$ _____

   _____ $+ 7 = 15$

   $15 - 7 =$ _____

   _____ $- 8 = 7$

5. $7 +$ _____ $= 10$

   $3 +$ _____ $= 10$

   _____ $- 7 = 3$

   $10 -$ _____ $= 7$

Skip count by tens.
Write the missing numbers.
(Objective 2A)

6. 10, 20, _____, 40, 50

7. _____, 70, _____

8. _____, _____, 60, _____

9. _____, _____, _____, 100

Skip count by twos.
Write the missing numbers.
(Objective 2A)

10. 2, 4, _____, _____, 10

11. 26, 28, _____, _____

12. 38, 40, _____, _____

13. 54, _____, _____, _____

Skip count by fives.
Write the missing numbers. (Objective 2A)
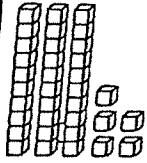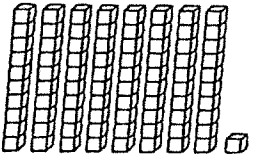
14. 5, 10, _____, _____, 25, _____, _____, 40

15. 65, _____, 75, _____, _____, 90, _____, 100

Name _____ Date _____
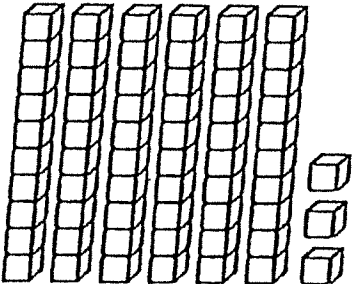
Write the numbers. (Objective 2B)
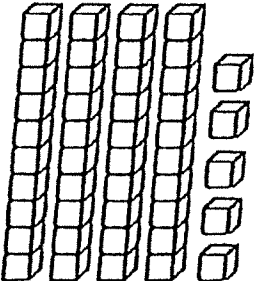
		How many tens and ones?	What is the value of each digit?	What is the number?
1.		_____ tens _____ ones	_____ + _____	_____
2.		_____ tens _____ ones	_____ + _____	_____

Write each number. (Objective 2B)

3. 4 tens 6 ones _____

4. 8 tens 0 ones _____

5. _____

6. _____

7. $20 + 9 =$ _____

8. $70 + 5 =$ _____

9. 5 tens 8 ones _____

10. 9 tens 2 ones _____

Practice 6

1. Write the number of cents.	2. Write the number of cents.	3. Write the number of cents.
_____ ¢	_____ ¢	_____ ¢

4. Imogene has 3 dimes. How much money does she have? Does she have enough to buy a 25¢ pencil? Imogene has _____ ¢. Yes No	5. Franklin has a quarter, a dime, and a penny. How much money does he have in all? Does he have enough to buy a 50¢ cookie? Franklin has _____ ¢. Yes No

6. Write the number of cents.	7. Write the number of cents.	8. Write the number of cents.
_____ ¢	_____ ¢	_____ ¢

9. I have one quarter. How many nickels does it take to make one quarter? It takes _____ nickels to make one quarter.	10. I have one quarter. How many pennies does it take to make one quarter? It takes _____ pennies to make one quarter.

Practice 7

1. Which set shows 5¢?

(A)

(B)

(C)

2. Which set shows 4¢?

(A)

(B)

(C)

3. Which set shows 8¢?

(A)

(B)

(C)

4. Which set shows 7¢?

(A)

(B)

(C)