

# Lesson 4

(pages 13-16)

## Lesson Preparation

- Mark boxes on page 13 in the LightUnits.
- D FLASH CARDS
- Manipulatives to teach fractions

## Oral Activities

➔ **Counting.** Count by 1's from 51 to 100. Point out the numbers on the chart. Count in groups or individually as needed.

➔ **D FLASH CARDS and Speed Drill 4.** Have students record their scores on page 65.

**Speed Drill 4** Number correct in 2 minutes:

$\frac{10}{-9}$	$\frac{2}{-1}$	$\frac{3}{-2}$	$\frac{4}{-3}$	$\frac{6}{-3}$	$\frac{7}{-5}$	$\frac{8}{-4}$
$\frac{9}{-7}$	$\frac{10}{-8}$	$\frac{5}{-3}$	$\frac{6}{-5}$	$\frac{7}{-1}$	$\frac{8}{-7}$	$\frac{9}{-2}$
$\frac{1}{-0}$	$\frac{4}{-2}$	$\frac{6}{-2}$	$\frac{7}{-2}$	$\frac{8}{-6}$	$\frac{9}{-1}$	$\frac{10}{-5}$
$\frac{4}{-1}$	$\frac{6}{-4}$	$\frac{8}{-2}$	$\frac{10}{-8}$	$\frac{5}{-3}$	$\frac{5}{-4}$	$\frac{9}{-8}$

67

## Teaching the Lesson

- ➔ Correct all mistakes from the previous lesson's practice set.
- ➔ **Pretest – Numbers and Extra Activity.**
- ➔ **Practice Set – Fractions.** Explain that fractions are parts of a whole. Give examples of parts of circles on the chalkboard. Teach that the bottom number of the fraction tells how many pieces there are altogether; the top number tells how many are shaded, or how many we are talking about. Have students help decide

4

- Count by 1's from 51 to 100.
- Practice your D flash cards.
- Do Speed Drill 4 on page 67.
- Record your score on the graph on page 65.

I passed the pretest in Lesson 3.  
Now I will do the pretest on pages 15 and 16.  
I may also do *Extra Activity Sheet* (1, 2, 3, 4, 5, 6, 7).

I did not pass the pretest in Lesson 3.  
I will do all of Lesson 4.

---

### Practice Set – Fractions

**Follow the directions.**

- Color  $\frac{1}{2}$  of the circle.
- Color  $\frac{2}{4}$  of the circle.
- Color  $\frac{3}{4}$  of the circle.

13

**Lesson 4**

**What part of the barns have painted roofs?**

4.

$\frac{1}{4}$     $\frac{3}{4}$     $\frac{2}{4}$   
     

**Circle  $\frac{1}{2}$  of the pigs. Write the answers.** Circles may vary.

5.

$4 + 4 = \boxed{8}$   
 $\frac{1}{2}$  of 8 =  $\boxed{4}$

**Mark the circle to show the colored part of each object.**

6.

$\frac{1}{4}$     $\frac{3}{4}$     $\frac{2}{4}$     $\frac{1}{4}$     $\frac{2}{4}$     $\frac{1}{2}$     $\frac{1}{3}$     $\frac{1}{4}$     $\frac{1}{2}$     $\frac{2}{4}$     $\frac{1}{4}$     $\frac{1}{3}$   
                                

14

10

what the fractions are for parts of circles.

Draw objects—apples, stars, balls—to teach students how to find half of a group. Explain that finding half of a group is like making two groups with the same number of objects in each group.

Have students correct Pretest – Fractions. Assign the fractions practice set. Check and hand back for correcting. Give remedial help as needed.

→ **Pretest – Numbers** (pages 15, 16). Assign the pretest for those who had to do the fractions set. Students must have a raw score of 51 to pass this pretest.

### Helpful Hints

For those who have trouble finding half of a group, show them how to label each object with a letter. For example, if the student’s name is Tim and his friend’s name is John, have him put *T* on the first object on the left side; next put a *J* on the last object on the right side. Keep alternating until all of the objects are labeled. Then have him circle all of his objects with one circle and all of John’s objects with another circle. You will have to guide him in doing this in a systematic way so that it is easy to draw the circles around half of the objects when he is finished labeling them.

→ **After Class.** Check students’ LightUnits.

---

## Lesson 5 (pages 17-21)

---

### Lesson Preparation

- Mark boxes on page 17 in the LightUnits.
- *E FLASH CARDS*

### Oral Activities

→ **Counting.** Count by 5’s to 100. Use the counting chart as needed.

→ ***E FLASH CARDS* and Speed Drill 5.** Have students record their scores on page 65.

Lesson 4

---

➤ ➤ ➤ **Pretest – Numbers** ◀ ◀ ◀

---

**Box the odd numbers. Circle the even numbers.** (1 point each.) [9]

1.  5  6  7  8  34  36  37  39  4

**Write the numbers.** (3 points each.) [9]

2. three hundred sixteen       sixty-five   
 four hundred six

**Write the number for each place.** (3 points each.) [9]

3.  ones place      381       tens place  
 hundreds place

**Write the numbers that come before and after.** (2 points each.) [8]

4.  <sub>45</sub>        <sub>127</sub>

15

Lesson 4

**Fill in the blanks.** (2 points each.) [8]

5.  $100 + 10 + 10 + 10 + 10 + 10 + 10 + 10 + 1 + 1 + 1 + 1 = 164$   
 hundred +  tens +  ones =

**Order the numbers from largest to smallest.** (4 points.) [4]

6. 24 43 32  
  
           

**Order the numbers from smallest to largest.** (4 points.) [4]

7. 243 342 324

**Mark the number that comes between 35 and 45.** (9 points.) [9]

8.       43       55       24

51	60
----	----

16

**5**

- Count by 5's to 100.
- Practice your E flash cards.
- Do Speed Drill 5 on page 68.
- Record your score on the graph on page 65.

- I passed the pretest in Lesson 4.  
Now I will do the pretest on pages 20 and 21.  
I may also do *Extra Activity Sheet* (1, 2, 3, 4, 5, 6, 7).
- I did not pass the pretest in Lesson 4.  
I will do all of Lesson 5.

**Practice Set – Numbers**

Write the number for each place value.

1.      682                                      891
- 2 ones place                              1 ones place
- 8 tens place                                9 tens place
- 6 hundreds place                        8 hundreds place

Box the even numbers. Underline the odd numbers.

2. 24    3    83    55    48    6

17

Lesson 5

Write the even numbers that are less than 10.

3.    0   2   4   6   8

Write the numbers that come before and after.

4. 12 <sup>13</sup> 14    77 <sup>78</sup> 79    32 <sup>33</sup> 34
5. 10 <sup>11</sup> 12    55 <sup>56</sup> 57    6 <sup>7</sup> 8

Write the number that comes between.

6.    55 56 57                              61 62 63                              124 125 126

Fill in the boxes.

$100 + 100 + 10 + 10 + 10 + 1 + 1 = 232$

7. 2 hundreds + 3 tens + 2 ones = 232

$100 + 10 + 10 + 10 + 10 + 10 + 10 + 1 + 1 + 1 + 1 + 1 = 155$

8. 1 hundred + 5 tens + 5 ones = 155

Write the numbers from smallest to largest on the boxcars.

9.                      183                      519                      238
- 183 | 238 | 519

18

Lesson 5

Order the numbers from smallest to largest.

10.    65    56    34    47
- 34    47    56    65

Write the numbers.

11. three hundred fifty-nine    359
12. seventy-five    75
13. one hundred forty    140
14. thirty-eight    38
15. fifteen    15

Choose even or odd.







16.    23     even     odd
17.    56     even     odd
18.    18     even     odd
19.    35     even     odd

19

Lesson 5

**Pretest – Money**

Count the money and write the amount. Use the ¢ sign for Numbers 1 to 5. Use the \$ sign for Number 6. (1 point each.) [6]

1.  3¢
2.  60¢
3.  40¢
4.  77¢
5.  31¢
6.  \$3.00

20

## Teaching the Lesson

→ Correct mistakes from last practice set.

→ **Pretest – Money and Extra Activity.** You may want to discuss the wise use of money.

→ **Practice Set – Numbers.** Review names for place values. Have students help do several exercises similar to Exercise 1 on page 17.

Make sure the students understand what even and odd numbers are.

Do some *before*, *after*, and *between* numbers together.

Teach students to count how many hundreds, tens, and ones there are; then simply have them copy those numbers in the order in which they are written. Give practice in writing numbers from words.

Work together to order numbers from *smallest to largest* and from *largest to smallest*.

Have students correct Pretest – Numbers (pages 15, 16). Assign the numbers practice set (pages 17-19). Check, hand back for correcting, and give remedial help.

→ **Pretest – Money** (pages 20, 21). Assign the pretest for those who had to do the numbers practice set. Students must have a raw score of 16 to pass this pretest.

## Helpful Hints

This teaching lesson could get quite long. If there are parts of this lesson that students had no trouble with on their pretest, do not spend time on them.

If students had trouble on a number of these areas, you may want to teach a couple of these concepts and let students do the exercises before teaching the other concepts. You may want them to run around the school once between some of these concepts.

→ **After Class.** Check students' LightUnits.

Number correct in 2 minutes:

**Speed Drill 5**

$\begin{array}{r} 1 \\ + 1 \\ \hline 2 \end{array}$	$\begin{array}{r} 1 \\ + 8 \\ \hline 9 \end{array}$	$\begin{array}{r} 2 \\ + 5 \\ \hline 7 \end{array}$	$\begin{array}{r} 4 \\ + 3 \\ \hline 7 \end{array}$	$\begin{array}{r} 5 \\ + 5 \\ \hline 10 \end{array}$	$\begin{array}{r} 7 \\ + 1 \\ \hline 8 \end{array}$	$\begin{array}{r} 8 \\ + 2 \\ \hline 10 \end{array}$
$\begin{array}{r} 1 \\ + 5 \\ \hline 6 \end{array}$	$\begin{array}{r} 2 \\ + 2 \\ \hline 4 \end{array}$	$\begin{array}{r} 3 \\ + 4 \\ \hline 7 \end{array}$	$\begin{array}{r} 5 \\ + 2 \\ \hline 7 \end{array}$	$\begin{array}{r} 6 \\ + 2 \\ \hline 8 \end{array}$	$\begin{array}{r} 1 \\ + 2 \\ \hline 3 \end{array}$	$\begin{array}{r} 2 \\ + 4 \\ \hline 6 \end{array}$
$\begin{array}{r} 3 \\ + 3 \\ \hline 6 \end{array}$	$\begin{array}{r} 7 \\ + 2 \\ \hline 9 \end{array}$	$\begin{array}{r} 1 \\ + 4 \\ \hline 5 \end{array}$	$\begin{array}{r} 2 \\ + 7 \\ \hline 9 \end{array}$	$\begin{array}{r} 3 \\ + 2 \\ \hline 5 \end{array}$	$\begin{array}{r} 6 \\ + 1 \\ \hline 7 \end{array}$	$\begin{array}{r} 1 \\ + 7 \\ \hline 8 \end{array}$
$\begin{array}{r} 2 \\ + 0 \\ \hline 2 \end{array}$	$\begin{array}{r} 4 \\ + 2 \\ \hline 6 \end{array}$	$\begin{array}{r} 1 \\ + 6 \\ \hline 7 \end{array}$	$\begin{array}{r} 2 \\ + 3 \\ \hline 5 \end{array}$	$\begin{array}{r} 2 \\ + 6 \\ \hline 8 \end{array}$	$\begin{array}{r} 4 \\ + 4 \\ \hline 8 \end{array}$	$\begin{array}{r} 2 \\ + 8 \\ \hline 10 \end{array}$

**Lesson 5**

**Write the amount. Use \$ and decimal signs.** (1 point each.) [6]

7. one dollar and fifty-seven cents

8. seven dollars and ten cents

9. two dollars and twenty-four cents

10. three dollars and twenty-six cents

11. one dollar and twenty cents

12. four dollars

**Read the amounts in Numbers 7 to 12 to your teacher.** (1 point each.) [6]

△ 13. I read \_\_\_\_\_ amounts correctly.

16	18
----	----

21

## Lesson 6

(pages 22-25)

### Lesson Preparation

- Mark boxes on page 22 in the LightUnits.

6

- Count by 10's to 100.
- Practice your F flash cards.
- Do Speed Drill 6 on page 68.
- Record your score on the graph on page 65.

- I passed the pretest in Lesson 5.  
Now I will do the pretest on page 25.  
I may also do *Extra Activity Sheet* (1, 2, 3, 4, 5, 6, 7).
- I did not pass the pretest in Lesson 5.  
I will do all of Lesson 6.

**Practice Set – Money**

Count the money. Be sure to write the cent or dollar sign.

1.  or \$.11
2.  or \$.15
3.  or \$.20
4.  or \$.43

22

Lesson 6

5.  or \$.17
6.
7.  or \$.14
8.  or \$.21

Write the amount in each box. Use the dollar sign.

9. one dollar and fifty-three cents
10. six dollars and ten cents
11. one dollar and fourteen cents
12. thirty-six cents
13. two dollars and forty-three cents
14. nine dollars

23

Lesson 6

△ Read the amounts in Numbers 9 to 14 to your teacher.

Write the amount in each box.

15.
16.  or \$.25
17.  or \$.50
18.  or \$.10



**Just for Fun**

Will the rabbit find his way home or get caught by the fox?  
Find out by coloring all the squares that equal 10.

3+4	9+1	8+2	3+7	2+1
7+3	6+1	5+8	6+4	0+10
9+4	5+5	3+2	1+5	6+7
4+6	8+3	6+8	2+1	0+4

24

Lesson 6

**Pretest – Patterns**

Write > or <. (2 points each.) [6]

1. 5  2      6  7      21  13

Write 261 on the right side of the tape. Write 5 on the left side.

2.   (3 points each.) [6]

Color the shapes that are congruent. (6 points.) [6]

- 3.

Underline the shape that will come next. (3 points each.) [6]

Draw the shape in the box.

- 4.

Write numbers to finish the pattern. (2 points each.) [6]

5. 2, 4, 6,

25

- F FLASH CARDS
- Dollar bills, dollar coins, dimes, nickels, pennies

### Oral Activities

- ➔ **Counting.** Count by 10’s to 100.
- ➔ **F FLASH CARDS and Speed Drill 6.** Have students record their scores on page 65.

**Speed Drill 6**

Number correct in 2 minutes:

$\begin{array}{r} 10 \\ -2 \\ \hline 8 \end{array}$	$\begin{array}{r} 2 \\ -0 \\ \hline 2 \end{array}$	$\begin{array}{r} 10 \\ -8 \\ \hline 2 \end{array}$	$\begin{array}{r} 2 \\ -1 \\ \hline 1 \end{array}$	$\begin{array}{r} 3 \\ -2 \\ \hline 1 \end{array}$	$\begin{array}{r} 5 \\ -2 \\ \hline 3 \end{array}$	$\begin{array}{r} 6 \\ -2 \\ \hline 4 \end{array}$
$\begin{array}{r} 7 \\ -6 \\ \hline 1 \end{array}$	$\begin{array}{r} 8 \\ -7 \\ \hline 1 \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline 1 \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline 5 \end{array}$	$\begin{array}{r} 4 \\ -2 \\ \hline 2 \end{array}$	$\begin{array}{r} 5 \\ -4 \\ \hline 1 \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline 1 \end{array}$
$\begin{array}{r} 7 \\ -2 \\ \hline 5 \end{array}$	$\begin{array}{r} 7 \\ -5 \\ \hline 2 \end{array}$	$\begin{array}{r} 8 \\ -2 \\ \hline 6 \end{array}$	$\begin{array}{r} 9 \\ -7 \\ \hline 2 \end{array}$	$\begin{array}{r} 5 \\ -3 \\ \hline 2 \end{array}$	$\begin{array}{r} 6 \\ -3 \\ \hline 3 \end{array}$	$\begin{array}{r} 7 \\ -3 \\ \hline 4 \end{array}$
$\begin{array}{r} 8 \\ -6 \\ \hline 2 \end{array}$	$\begin{array}{r} 9 \\ -2 \\ \hline 7 \end{array}$	$\begin{array}{r} 6 \\ -4 \\ \hline 2 \end{array}$	$\begin{array}{r} 7 \\ -1 \\ \hline 6 \end{array}$	$\begin{array}{r} 7 \\ -4 \\ \hline 3 \end{array}$	$\begin{array}{r} 8 \\ -1 \\ \hline 7 \end{array}$	$\begin{array}{r} 8 \\ -4 \\ \hline 4 \end{array}$

68

### Teaching the Lesson

- ➔ Correct all mistakes from the previous lesson’s practice set.
  - ➔ **Pretest – Patterns and Extra Activity.**
  - ➔ **Practice Set – Money.** Count money with the students. Write the amounts on the chalkboard. Teach them how to write cents two ways—with a cent sign and a dollar sign. Explain and show them that there must be two places for cents when using the dollar sign.
- Have students correct Pretest – Money (page 20). Assign the money practice set.
- ➔ **Pretest – Patterns** (page 25). Assign the pretest for those who had to do the money practice set. Students must have a raw score of 25 to pass this pretest.

### Helpful Hints

Students will enjoy taking turns writing the amounts of the money on the chalkboard. Be sure that each of them has a turn at counting the money. When they have free time today, allow them to count money and write the amounts on the chalkboard.

For an ongoing activity, set up a store for a reward system. After they have accumulated enough points they may buy something from the store.

- ➔ **After Class.** Check students’ LightUnits.

---

## Lesson 7 (pages 26-28)

---

### Lesson Preparation

- Mark boxes on page 26 in the LightUnits.
- A FLASH CARDS

7

Count by 2’s to 20.  
 Practice your A flash cards.  
 Do Speed Drill 7 on page 69.  
 Record your score on the graph on page 65.

I passed the pretest in Lesson 6.  
 Now I will do the pretest on page 28.  
 I may also do *Extra Activity Sheet* (1, 2, 3, 4, 5, 6, 7).

I did not pass the pretest in Lesson 6.  
 I will do all of Lesson 7.

---

Practice Set – Patterns

Write > or < in each box.

1. 6  3

5  9

29  19

2. 28  24

16  17

25  22

Draw the next shape for the pattern.

3. ○ △ □ ○ △ □ ○ △

26

Lesson 7

**Draw two more shapes for the pattern.**

4. □ □ ▽ □ □ ▽ □ □ ▽


**Draw the next shape for the pattern.**

5. □ △ △ □ △ △ □


**Write numbers to finish the pattern.**


6. 5, 10, 15, 20 25 30


**Write 135 on the left side of the glue bottle.**  
**Write 267 on the right side.**

7. 135  267

**Circle the congruent shapes.**

8. 


9. 

10. 

27

Lesson 7

**Write the number that is on the right side of the scissors.**

11. 175  438

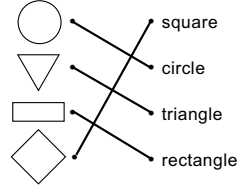
438

---






➤ ➤ ➤ **Pretest – Shapes** << <<

---

**Match the shapes with the name.** (1 point each.) [4]

1. 

**How many angles does each shape have? Write the answer inside the shape.** (1 point each.) [4]

2.     

28

### Oral Activities

➔ **Counting.** Count by 2's to 20. Students may circle these numbers on their charts as a visual aid.

➔ **A FLASH CARDS and Speed Drill 7.** Have students record their scores on page 65.

### Teaching the Lesson

- ➔ Correct mistakes from the last practice set.
- ➔ **Pretest – Shapes and Extra Activity.**
- ➔ **Practice Set – Patterns.** Use the chalkboard to teach the greater than (>) and less than (<) symbols.

Draw some sample patterns on the board. Examples: XXOXXOX \_\_; triangle, circle, square, triangle, \_\_; 2, 4, 6, \_\_, \_\_; etc. Guide the students through these patterns. Help them see what comes first, next, and last. Help them to see where the patterns start repeating themselves.


Be sure they understand the difference between left and right.

Teach *congruent* and give examples on the board. Be sure they know how to pronounce the word.

Have students correct Pretest – Patterns (page 25). Assign the patterns practice set (pages 26-28).

➔ **Pretest – Shapes** (page 28). Assign the pretest for those who had to do the patterns practice set. Students must have a raw score of 6 to pass this pretest.

➔ **After Class.** Check students' LightUnits.

 **Speed Drill 7** Number correct in 2 minutes:

$\begin{array}{r} 0 \\ +0 \\ \hline 0 \end{array}$	$\begin{array}{r} 1 \\ +8 \\ \hline 9 \end{array}$	$\begin{array}{r} 2 \\ +2 \\ \hline 4 \end{array}$	$\begin{array}{r} 3 \\ +3 \\ \hline 6 \end{array}$	$\begin{array}{r} 5 \\ +3 \\ \hline 8 \end{array}$	$\begin{array}{r} 6 \\ +1 \\ \hline 7 \end{array}$	$\begin{array}{r} 8 \\ +1 \\ \hline 9 \end{array}$
$\begin{array}{r} 1 \\ +0 \\ \hline 1 \end{array}$	$\begin{array}{r} 1 \\ +9 \\ \hline 10 \end{array}$	$\begin{array}{r} 2 \\ +3 \\ \hline 5 \end{array}$	$\begin{array}{r} 3 \\ +4 \\ \hline 7 \end{array}$	$\begin{array}{r} 5 \\ +5 \\ \hline 10 \end{array}$	$\begin{array}{r} 6 \\ +2 \\ \hline 8 \end{array}$	$\begin{array}{r} 1 \\ +3 \\ \hline 4 \end{array}$
$\begin{array}{r} 10 \\ +0 \\ \hline 10 \end{array}$	$\begin{array}{r} 2 \\ +4 \\ \hline 6 \end{array}$	$\begin{array}{r} 4 \\ +1 \\ \hline 5 \end{array}$	$\begin{array}{r} 1 \\ +4 \\ \hline 5 \end{array}$	$\begin{array}{r} 2 \\ +5 \\ \hline 7 \end{array}$	$\begin{array}{r} 3 \\ +5 \\ \hline 8 \end{array}$	$\begin{array}{r} 1 \\ +5 \\ \hline 6 \end{array}$
$\begin{array}{r} 2 \\ +6 \\ \hline 8 \end{array}$	$\begin{array}{r} 4 \\ +3 \\ \hline 7 \end{array}$	$\begin{array}{r} 1 \\ +6 \\ \hline 7 \end{array}$	$\begin{array}{r} 2 \\ +7 \\ \hline 9 \end{array}$	$\begin{array}{r} 4 \\ +4 \\ \hline 8 \end{array}$	$\begin{array}{r} 1 \\ +7 \\ \hline 8 \end{array}$	$\begin{array}{r} 2 \\ +8 \\ \hline 10 \end{array}$

# Lesson 8

(pages 29-32)

## Lesson Preparation

- Mark boxes on page 29 in the LightUnits.
- *B FLASH CARDS*
- Rulers showing inches and centimeters

## Oral Activities

- ➔ **Counting.** Count by 5's to 100. Use the charts if needed.
- ➔ **B FLASH CARDS and Speed Drill 8.** Have students record their scores on page 65.

**Speed Drill 8** Number correct in 2 minutes:

$\begin{array}{r} 0 \\ -0 \\ \hline 0 \end{array}$	$\begin{array}{r} 7 \\ -1 \\ \hline 6 \end{array}$	$\begin{array}{r} 6 \\ -4 \\ \hline 2 \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline 5 \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline 1 \end{array}$	$\begin{array}{r} 7 \\ -4 \\ \hline 3 \end{array}$	$\begin{array}{r} 9 \\ -7 \\ \hline 2 \end{array}$
$\begin{array}{r} 10 \\ -8 \\ \hline 2 \end{array}$	$\begin{array}{r} 9 \\ -1 \\ \hline 8 \end{array}$	$\begin{array}{r} 5 \\ -4 \\ \hline 1 \end{array}$	$\begin{array}{r} 7 \\ -5 \\ \hline 2 \end{array}$	$\begin{array}{r} 7 \\ -3 \\ \hline 4 \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline 1 \end{array}$	$\begin{array}{r} 5 \\ -1 \\ \hline 4 \end{array}$
$\begin{array}{r} 6 \\ -3 \\ \hline 3 \end{array}$	$\begin{array}{r} 8 \\ -7 \\ \hline 1 \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline 3 \end{array}$	$\begin{array}{r} 10 \\ -0 \\ \hline 10 \end{array}$	$\begin{array}{r} 4 \\ -3 \\ \hline 1 \end{array}$	$\begin{array}{r} 8 \\ -6 \\ \hline 2 \end{array}$	$\begin{array}{r} 8 \\ -4 \\ \hline 4 \end{array}$
$\begin{array}{r} 1 \\ -0 \\ \hline 1 \end{array}$	$\begin{array}{r} 4 \\ -2 \\ \hline 2 \end{array}$	$\begin{array}{r} 10 \\ -9 \\ \hline 1 \end{array}$	$\begin{array}{r} 8 \\ -2 \\ \hline 6 \end{array}$	$\begin{array}{r} 5 \\ -3 \\ \hline 2 \end{array}$	$\begin{array}{r} 8 \\ -3 \\ \hline 5 \end{array}$	$\begin{array}{r} 9 \\ -2 \\ \hline 7 \end{array}$

69

## Teaching the Lesson

- ➔ Correct all mistakes from the previous lesson's practice set.
- ➔ **Pretest – Measurements and Extra Activity.**
- ➔ **Practice Set – Shapes.** For those who may have had problems with this concept, give a good chalkboard review of the shapes. Explain that an angle is like a corner where two sides of a shape meet. Tell them that a shape has the same number of angles as sides.

Have students correct Pretest – Shapes (page 28). Assign the shapes practice set (pages 29, 30).

8

Count by 5's to 100.  
 Practice your B flash cards.  
 Do Speed Drill 8 on page 69.  
 Record your score on the graph on page 65.

I passed the pretest in Lesson 7.  
 Now I will do the pretest on pages 31 and 32.  
 I may also do *Extra Activity Sheet* (1, 2, 3, 4, 5, 6, 7).

I did not pass the pretest in Lesson 7.  
 I will do all of Lesson 8.

---

### Practice Set – Shapes

**Circle the correct shape.**

1.    triangle                      circle                      rectangle

**What shape is the domino?**

2.    square     rectangle

29

**Lesson 8**

**How many sides does a triangle have?**

3.    3 sides                      triangle

**Match the shapes with the names.**

4.    triangle   

      square   

      rectangle

      circle

**How many angles does each shape have?**  
**Write the answer inside the shape.**

5.

30

➔ **Pretest – Measurements** (pages 31, 32). Assign the pretest for those who had to do the shapes practice set. Students must have a raw score of 18 to pass this pretest.

### Helpful Hints

Don't let students forget about shapes after math class. Find various shapes in the classroom, cafeteria, and playground throughout the day.

Tell them that God's love is like a circle; it doesn't end. If you know the song "God's Love Is Like a Circle," teach it to them.

➔ **After Class.** Check students' LightUnits.


Lesson 8


---

➤ ➤ ➤ **Pretest – Measurements** <<< <<


---

**Measure each object and write its length.** (2 points each.) [4]

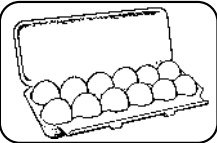


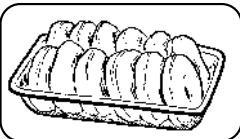
1.  3 inches

2.  4 inches

**Use a ruler to draw a line 6 inches long. Start at the dot.** (2 points.) [2]

3. 

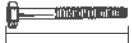
**Circle each group that is a dozen.** (3 points each.) [6]


4.    

31


Lesson 8


**Measure each object with centimeters.** (3 points each.) [6]

5. The bolt is 4 centimeters long. 

6. The nut is 1 centimeter tall. 

**Write the number.** (6 points.) [6]

7. 1 foot equals 12 inches. 

 **Just for Fun**

**Color all the shapes that have a number between 37 and 94.**

109	36	92	14	108	31	22	101	15	0	30	1	5		
27	32	26	58	40	3	27	98	4	2	21	17	28	100	
97	13	33	63	56	70	18	6	90	103	99	79	86	91	8
21	18	90	45	38	74	82	52	48	67	4				
98	105	25	78	87	65	50	61	72	39	7	107			
110	32	9	12	54	76	93	44	81	10	95	19	30		
24	15	34	96	21	102	23	98	13	35	6	22			
8	11	26	106	29	35	15	7	20	99	104				

32


## Lesson 9 (pages 33-36)

### Lesson Preparation

- Mark boxes on page 33 in the LightUnits.
- C FLASH CARDS
- Ruler showing inches and centimeters

### Oral Activities

➔ **Counting.** Count by 10's to 100. Use charts as needed.

 **Speed Drill 9** Number correct in 2 minutes:

$\begin{array}{r} 0 \\ +6 \\ \hline 6 \end{array}$	$\begin{array}{r} 2 \\ +1 \\ \hline 3 \end{array}$	$\begin{array}{r} 3 \\ +2 \\ \hline 5 \end{array}$	$\begin{array}{r} 5 \\ +1 \\ \hline 6 \end{array}$	$\begin{array}{r} 6 \\ +2 \\ \hline 8 \end{array}$	$\begin{array}{r} 8 \\ +2 \\ \hline 10 \end{array}$	$\begin{array}{r} 0 \\ +9 \\ \hline 9 \end{array}$
$\begin{array}{r} 2 \\ +2 \\ \hline 4 \end{array}$	$\begin{array}{r} 3 \\ +3 \\ \hline 6 \end{array}$	$\begin{array}{r} 5 \\ +2 \\ \hline 7 \end{array}$	$\begin{array}{r} 6 \\ +3 \\ \hline 9 \end{array}$	$\begin{array}{r} 1 \\ +1 \\ \hline 2 \end{array}$	$\begin{array}{r} 2 \\ +3 \\ \hline 5 \end{array}$	$\begin{array}{r} 3 \\ +4 \\ \hline 7 \end{array}$
$\begin{array}{r} 5 \\ +3 \\ \hline 8 \end{array}$	$\begin{array}{r} 7 \\ +2 \\ \hline 9 \end{array}$	$\begin{array}{r} 1 \\ +2 \\ \hline 3 \end{array}$	$\begin{array}{r} 2 \\ +4 \\ \hline 6 \end{array}$	$\begin{array}{r} 3 \\ +5 \\ \hline 8 \end{array}$	$\begin{array}{r} 5 \\ +5 \\ \hline 10 \end{array}$	$\begin{array}{r} 2 \\ +5 \\ \hline 7 \end{array}$
$\begin{array}{r} 2 \\ +8 \\ \hline 10 \end{array}$	$\begin{array}{r} 3 \\ +6 \\ \hline 9 \end{array}$	$\begin{array}{r} 4 \\ +4 \\ \hline 8 \end{array}$	$\begin{array}{r} 2 \\ +6 \\ \hline 8 \end{array}$	$\begin{array}{r} 4 \\ +2 \\ \hline 6 \end{array}$	$\begin{array}{r} 2 \\ +7 \\ \hline 9 \end{array}$	$\begin{array}{r} 4 \\ +3 \\ \hline 7 \end{array}$