

7. How many times are $\frac{3}{10}$ contained in $\frac{9}{10}$, or what is the value of 9 tenths \div 3 tenths?

8. How many times are $\frac{4}{11}$ contained in $\frac{8}{11}$, or what is the value of $\frac{8}{11} \div \frac{4}{11}$?

9. How long will it take a boy to earn $\frac{9}{12}$ of a dollar, by earning $\frac{3}{12}$ of a dollar per day? How many times are $\frac{3}{12}$ contained in $\frac{9}{12}$? $\frac{9}{12} \div \frac{3}{12} = ?$

10. How many times are $\frac{3}{7}$ contained in $\frac{6}{7}$? $\frac{5}{13}$ in $\frac{10}{13}$? $\frac{7}{15}$ in $\frac{14}{15}$? $\frac{3}{16}$ in $\frac{12}{16}$? $\frac{5}{17}$ in $\frac{15}{17}$?

11. How long a time will be required to fill a cistern, if $\frac{3}{12}$ of it is filled every hour? 1 or $\frac{12}{12} \div \frac{3}{12} = ?$

SLATE EXERCISES.

Find the value of the following:

$$\frac{12}{3} \div \frac{2}{3}.$$

$$\frac{16}{4} \div \frac{2}{4}.$$

$$\frac{18}{5} \div \frac{3}{5}.$$

$$\frac{15}{8} \div \frac{3}{8}.$$

$$\frac{25}{5} \div \frac{3}{5}.$$

$$\frac{24}{8} \div \frac{3}{8}.$$

$$\frac{21}{9} \div \frac{3}{9}.$$

$$\frac{18}{3} \div \frac{2}{3}.$$

$$2 \div \frac{1}{5}.$$

$$4 \div \frac{1}{2}.$$

$$8 \div \frac{2}{3}.$$

$$7 \div \frac{1}{4}.$$



LESSON LXIV.

1. If William divides 4 oranges equally between his 2 sisters, how many will each receive?

2. What is one-half of 4 cents? What is one-half of 4?

3. By what number do you divide to find one-half of any number?

4. How many pears is 1 third of 3 pears?

5. How many pears are 2 thirds of 3 pears?

6. By what number do you divide to find one-third of any number? How do you find $\frac{2}{3}$ thirds of a number?

7. How many roses are one-half of 8 roses?

8. If a woman divides 5 loaves of bread equally between 5 persons, what part will each person receive?

9. How many loaves are $\frac{1}{5}$ of 5 loaves? $\frac{2}{5}$ of 5 loaves? $\frac{3}{5}$ of 5 loaves?

10. How is $\frac{1}{5}$ of a number found? $\frac{2}{5}$ of a number?

11. If 14 marbles are equally divided between 2 boys, how many marbles does each boy receive?

12. How many are $\frac{1}{2}$ of 14? How many are $\frac{1}{7}$ of 14?

13. One-fourth of 20 cents is how many cents?

14. By what number do you divide to find one-fourth of any number?

15. A man shot 12 pigeons and sold $\frac{2}{3}$ of them. How many had he left?

16. A boy saw 18 fowls, $\frac{5}{9}$ of which were white. How many were white?

17. A boy having 40 cents, paid $\frac{1}{5}$ of his money for pencils and $\frac{2}{10}$ of it for paper. How much did he have left?

18. A farmer sold 7 bushels of wheat for 28 dollars. What did he receive for one bushel?

19. How many bushels are $\frac{1}{7}$ of 28 bushels?

20. How many bushels are $\frac{2}{7}$ of 28 bushels?

21. What is $\frac{1}{10}$ of 20? What is $\frac{1}{8}$ of 56?

22. If 25 dollars is divided equally among 5 men, what part of the money will each receive? How much will each receive?



NOTATION & NUMERATION

LESSON LXV.

1. A single thing is called a *Unit*.
2. How many units make one ten? Two tens?

3. Copy and read:

10	12	27	35	42	59
16	64	73	86	90	99

4. Express in figures the following:

Ten.	Forty-eight.	Eighty-five.
Thirteen.	Sixty-four.	Ninety.
Twenty-five.	Seventy-nine.	Ninety-three.
Thirty-two.	Eighty-one.	Ninety-nine.

5. Express in figures the following:

One ten, no units.	One ten, one unit.
Five tens, six units.	Five tens, two units.
Six tens, four units.	Six tens, six units.
Two tens, seven units.	Two tens, one unit.
Seven tens, one unit.	Seven tens, three units.
Three tens, five units.	Three tens, four units.
Eight tens, six units.	Eight tens, one unit.
Four tens, five units.	Four tens, six units.
Nine tens, nine units.	Nine tens, one unit.

6. When two figures are written side by side what does the one at the right represent? What does the one at the left represent?

7. How many tens and units in ninety-nine?

8. If one is added to the 9 units, what is the result?

9. How many are 9 tens and 1 ten?

10. How many tens make one hundred?

11. Copy and read :

100	104	108	116	138	149
157	168	173	123	188	199
205	316	423	216	304	229

12. Express the following in figures :

One hundred, two tens, and five units.

Four hundreds, five tens, and no units.

Seven hundreds, five tens, and six units.

Eight hundreds, nine tens, and one unit.

Three hundreds, nine tens, and eight units.

Five hundreds, three tens, and seven units.

Two hundred.

Nine hundred.

Two hundred, forty.

Nine hundred, forty.

Eight hundred, five.

Six hundred, seventy.

Three hundred, fifty.

Five hundred, eighty.

Three hundred, forty.

Five hundred, twenty.

Five hundred, ninety.

Seven hundred, thirty.

13. When three figures are written side by side, what does the one at the right represent? The one next to it? The one at the left?

14. Copy and read :

314	268	572	681	372	465
200	260	350	580	673	856
371	426	842	730	307	406
184	755	862	985	422	999

15. Express in figures the following :

Two hundred, ten.

Five hundred, fifty.

Two hundred, forty.

Seven hundred, five.

Eight hundred, four.

Nine hundred, fifteen.

Five hundred, sixteen.

Eight hundred, twelve.

Five hundred, fifty-five.

Four hundred, sixty-six.

Nine hundred, forty-five.

Six hundred, forty-seven.

Eight hundred, fifty-four.

Seven hundred, forty-one.

Nine hundred, ninety-nine.

Eight hundred, sixty-three.

Three hundred, ninety-nine.

Seven hundred, twenty-nine.

The method of expressing numbers by figures is called the *Arabic notation*.

The method of reading numbers is called *Numeration*.

LESSON LXVI.

1. If 1 be added to nine hundred ninety-nine, how many hundreds will there be?

2. To what are 10 hundreds equal? *One thousand.*

3. *One thousand* is expressed thus: **1,000.**

4. Copy and read the following:

1,000	1,004	1,016	1,323	1,548
2,000	2,159	3,872	5,625	7,822
8,465	6,372	4,189	9,786	9,999

5. Express in figures the following:

Seven thousand, two hundred, fifty-six.

Nine thousand, nine hundred, ninety-five.

Five thousand, three hundred, twenty-eight.

6. How many are 9 thousand and 1 thousand?

7. *Ten thousand* is expressed thus: **10,000.**

8. Copy and read the following:

10,000	18,000	22,005	35,012
87,482	96,856	13,729	88,543

9. Express in figures the following:

Ninety thousand, nine hundred, fifty-six.

Eighty-four thousand, five hundred, forty.

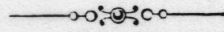
Seventy-five thousand, eight hundred, fifty.

Fifty-three thousand, two hundred, twenty.

Eighty thousand, seven hundred, forty-four.

Ninety thousand, nine hundred, ninety-nine.

10. How many are 90 thousand and 10 thousand?
 11. *One hundred thousand* is expressed thus:
100,000.



LESSON LXVII.

1. Copy and read the following:

100,000	120,000	562,000	159,725
540,805	723,016	986,784	684,379

2. What do the three figures at the right represent? *Units, tens, and hundreds.*
 3. What do the three figures at the left represent? *Units, tens, and hundreds of thousands.*
 4. A group of figures containing the units, tens, and hundreds of any denomination is called a *Period*.
 5. How many periods are there in the number 132,654?
 6. What is the denomination of the first period?
 7. What is the denomination of the second period?

8. Copy and read the following:

354,728	639,955	845,762
876,953	423,872	635,476
82,675	400,800	8,005
264,361	315,008	216,040

9. How many figures must there be in a period?
 10. How are the periods separated from each other?

Express in figures the following:

11. Two hundred eight thousand, five hundred seventy-four.

12. Seven hundred fifty-four thousand, two hundred twenty-five.

13. Eight hundred sixty-three thousand, four hundred eighty-nine.

14. Eight hundred sixty-five thousand, three hundred thirty-seven.

15. Eighty-four thousand, five hundred eighty-four.

16. Nine hundred thirty-three thousand, six hundred twelve.

17. Three hundred thousand, six hundred.

18. Eight hundred ninety-four thousand, six hundred twenty-four.

19. Five hundred eighty thousand, seven hundred ninety-seven.

20. Three hundred eighty-nine thousand, seven hundred eighty-one.

21. Seven hundred eighteen thousand, nine hundred eighty-seven.

22. Six hundred thousand, one.

23. Six hundred twenty-four thousand, three hundred twenty-nine.

24. Eight hundred thirty-nine thousand, five hundred sixteen.

25. Nine hundred, thirty-five thousand, eight hundred twenty-six.

26. Nine hundred sixty-eight thousand, nine hundred thirty-seven.