

GREGG SHORTHAND

A LIGHT-LINE
PHONOGRAPHY
for the MILLION

By
JOHN ROBERT GREGG

New and Revised Edition

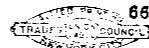
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PREFACE

In the Preface to the first edition of this system, I said:

The endeavor of the author has been to compile a system so simple as to be readily acquired by the humblest capacity and those possessed of little leisure, and yet rapid enough to reproduce verbatim the fastest oratory. In presenting his work to the public he asks for nothing beyond an impartial investigation, and with perfect confidence awaits the result.

The subsequent history of the system has justified the confidence expressed at that time. Gregg Short-hand has demonstrated its superiority to the older systems in simplicity, legibility and speed—and there are to-day nearly a million writers of the system. In beginning the preparation of this edition it was my intention to make some radical changes in the manner of presenting the principles; but in proceeding with the revision I was forced to the conclusion that it would be a mistake to depart materially from the general plan and form of the previous edition. No better evidence of the popularity and success of the previous edition could be given than the fact that, although nearly a million copies of it have been sold, there has been very little demand for revision except requests for the inclusion of those changes and improvements that have been made in the course of the past few years.

This edition, then, retains the general plan and form of the previous edition, but much of the material contained in it is arranged in more logical sequence, and the illustrations are chosen with greater care, with a view to developing quickness in the application of its rules and principles. An attempt has been made to state some of the rules more clearly than was done in the old book, and to put them into language better adapted to the comprehension of young students.

In the system itself few changes have been found necessary or desirable. Some new word-signs and extensions of advanced principles have been introduced, but all of these are in harmony with the fundamental principles of the system. All of them have been subjected to very careful trial in practical work before they have been adopted.

In sending forth this book I desire to express my heartfelt appreciation of the suggestions that have come to me from writers, from reporters and from teachers who are using the system in all parts of the world. These suggestions have been of great service to me in the preparation of this presentation of the system.

JOHN ROBERT GREGG.

NEW YORK, June 17, 1916.

ABOUT GREGG SHORTHAND

HISTORY.—*Gregg Shorthand* was first published in 1888, in two little paper-covered pamphlets, under the title, "Light-Line Phonography." Five years later, a revised and greatly improved edition was published under the title, "Gregg Shorthand." It was not until 1897, however, that the author was able to publish the system in book form.

To the student or writer of shorthand, there are few more interesting or inspiring stories of success than the story of the career of Gregg Shorthand in the twenty-seven years that have elapsed since its publication in book form; but a textbook is not a place for such a story. Today Gregg Shorthand is the standard system of America. It has been adopted exclusively in the public schools of 4633 cities and towns—more than ninety-two per cent of the public schools that teach shorthand. It has superseded the older systems, in the large majority of these cases, by formal action of the Boards of Education after careful investigation of the merit of the system. Its leadership in all other kinds of educational institutions is equally pronounced. This constitutes the highest educational endorsement a shorthand system has ever received.

WINS WORLD CHAMPIONSHIP THREE TIMES.—The history of Gregg Shorthand is a record of public triumphs. In the 1921 World's Championship Contest of the National Shorthand Reporters' Association, Mr. Albert Schneider* won first place, defeated three former champions, and established two world's records. He transcribed the 215-words-a-minute literary dictation with a net speed of 211.2 words a minute; accuracy, 98.32%. On the 200-words-a-minute dictation his accuracy percentage was 98.80; on the 240-words-a-minute dictation, 98.17; on the 280-words-a-minute dictation, 96.84.

In transcribing five five-minute highest speed dictations—175, 200, 215, 240, and 280 words a minute—in the time allotted for the three championship dictations, Mr. Schneider gave the most remarkable demonstration of his transcribing ability in the history of the shorthand contests, and proved again the wonderful legibility of Gregg Shorthand.

*Mr. Schneider is now a member of the official shorthand reporting staff of the Congress of the United States, winning the position in an examination in which thirty-five well-known reporters competed.

Writers of Gregg Shorthand won first, second, and third places in the World's Championship Contest of the National Shorthand Reporters' Association in 1923. Mr. Charles L. Swem,* winner, established a world's record on the 200-words-a-minute dictation, making but two errors; accuracy, 99.79%. On the 240-words-a-minute dictation, his accuracy was 98.49%; on the 280 dictation, 99.36%. Second place was won by Mr. Albert Schneider, a Gregg writer, the 1921 champion. His average accuracy was 98.80%. Third place was won by a seventeen-year-old Gregg writer, Mr. Martin Dupraw, with an accuracy of 98.76%. *First place in accuracy in every dictation was won by a writer of Gregg Shorthand.*

In the 1924 World's Championship, Mr. Swem was again the victor, defeating, among others, Mr. Nathan Behrin, Supreme Court stenographer of New York City, winner of many championships. Third place was won by Mr. Dupraw. Mr. Swem's accuracy on the three dictations was 99.23%.

Gregg Shorthand is the only system that has produced two different writers to win the world championship in the contests of the National Shorthand Reporters' Association.

WINS NEW YORK STATE SHORTHAND CHAMPIONSHIP.—In the contest of the New York State Shorthand Reporters' Association, December, 1924, Mr. Martin J. Dupraw won first place and the Bottome Cup; Mr. Nathan Behrin, Supreme Court reporter, New York City, second; and Mr. Harvey Forbes, Supreme Court reporter, Buffalo, New York, third. Mr. Dupraw made twelve errors in transcribing the five-minute dictations at 200 and 280 words a minute; average accuracy, 99.5%. Mr. Behrin made twenty-eight errors; average accuracy, 98.8%.

AWARDED MEDAL OF HONOR AT PANAMA-PACIFIC EXPOSITION.—At the Panama-Pacific International Exposition, in 1915, Gregg Shorthand was awarded the Medal of Honor, the highest award

*Governor Woodrow Wilson selected Mr. Swem as his official reporter in his campaign for the Presidency. Mr. Swem was Personal Secretary and Official Reporter to President Wilson for eight years. Mr. Swem began the study of Gregg Shorthand in a night school in September, 1908, when working as an office boy. He was twenty years of age when he received the appointment at the White House. In the 1924 examination for the position of Supreme Court stenographer in the State of New York, Mr. Swem won first place in a field of 150 candidates.

ever granted a system of shorthand by any Exposition and the only award ever granted which was based on the results accomplished by students in a model school conducted under the observation of the International Jury of Awards.

PRINCIPLES OF THE SYSTEM.—Needless to say, Gregg Shorthand is a radical departure from the old lines of shorthand construction, for it is only by a radical departure that such marked superiority in results can be accomplished.

The following synopsis will enable the reader to understand the leading features of the system:

- | | | |
|--|---|------------------------------|
| (1) NO COMPULSORY THICKENING.—May be written either light or heavy. | } | As in
ordinary
writing |
| (2) WRITTEN ON THE SLOPE OF LONGHAND, thus securing a uniform manual movement. | | |
| (3) POSITION WRITING ABOLISHED.—May be written on unruled paper, and in one straight line. | | |
| (4) VOWELS AND CONSONANTS ARE JOINED, and follow each other in their natural order. | | |
| (5) ANGLES ARE RARE.—Curves predominate. | | |

This brief synopsis will suffice to show that the aim of the author has been to adhere to those natural principles which govern ordinary writing. By a practical combination of these elements as a foundation, the system secures to the writer, *with very little practice*, that perfect command of the characters which is productive of the best results, and is only obtained by years of persistent, painstaking practice if the old geometric systems are employed.

TO SUM UP:

EASY TO LEARN.—Gregg Shorthand may be learned in from one-third to one-half the time required by the old systems. The records made by its writers prove this beyond all question.

EASY TO READ.—Gregg Shorthand is the most legible shorthand in existence. In the public shorthand speed contests, writers

of the system have established the *highest official world's records for accuracy* of transcripts on solid, difficult matter. These records were made in competition with experienced reporters who used the older systems, and in contests conducted by reporters and teachers who wrote such systems. (Full particulars of these contests will be sent by the publishers on application.) Manifestly, the insertion of the vowels, the absence of shading, the elimination of position-writing and the elimination of the minute distinctions of form necessary in the old systems, all contribute to legibility.

EASY TO WRITE.—The easy, natural appearance of the writing in Gregg Shorthand appeals to every impartial investigator. The absence of distinctions between light and heavy characters, the continuous run of the writing along one line, as in longhand, instead of constant changes of position—now *on* the line, then *above* the line, and then, perhaps, *through* or *below* the line—will be noticed at a first glance. Next, the investigator will probably attribute much of the natural, pleasing appearance of the writing to that uniform slant of the writing, with which both hand and eye are familiar. Only those who have had previous experience with shorthand, however, will be able to appreciate fully how much elimination of numerous dots and dashes—minute marks that have to be placed with great precision alongside the strokes—contributes to easy, continuous, effortless writing.

SUPERIOR IN SPEED POSSIBILITIES.—Writers of Gregg Shorthand have demonstrated in public speed contests, under the most trying conditions, that the system has greater speed possibilities than any other system. A boy of nineteen (who began the study of Gregg Shorthand in a night school less than four years previously) established a record of 268 words a minute net for five minutes, defeating three former champions and eighteen other experienced and capable reporters. The contest committee consisted of seven shorthand reporters, all of whom were writers of other systems. When a mere boy can do this, after such a brief experience, there can be no question that this system of shorthand possesses greater speed possibilities than any of the older systems.

A TALK WITH THE BEGINNER

Success in any study depends largely upon the *interest* taken in that particular subject by the student. This being the case, we earnestly hope that you will realize at the very outset that shorthand can be made an intensely fascinating study. Cultivate a love for it. Think of it as the highest form of writing, which is itself the greatest invention of man. Be proud that you can record the language in graceful lines and curves. Aim constantly to acquire artistic skill in executing those lines and curves. You *can*, if you *will*, make the study of shorthand a perfect joy instead of a task. Its possession has been coveted by the wisest of men and women, for it is not only a practical instrument in commercial work, but a much prized and valuable accomplishment and a means of mental culture.

BE THOROUGH.—Skill in anything is attained by repetition; therefore do not shirk the careful, painstaking practice on the elementary forms given in the Manual. Write each outline many times, and aim always at the attainment of ease and exactness in execution.

Your future success depends to a very large extent on the way you do your work now. In order that your progress may be sure and rapid, master each lesson before you proceed with the next.

At first, write slowly and carefully; aim at accuracy rather than speed, but do not *draw* the characters. You must understand at the outset that shorthand must be *written*; but you must also impress upon your mind that whatever you write you must read, hence the necessity for good penmanship. As skill in executing the movements is obtained, the speed may be increased until the forms are written rapidly. Some attention should be given to acquiring a capacity for writing *individual* outlines rapidly without hesitation, and with a free movement of the hand.

Aim to acquire a smooth style of writing; execute each character with an easy, *continuous* motion of the pen, and pass directly to the next without unnecessary movements. A halting, jerky movement is fatal to speed, and may be almost always traced to

indecision, caused by unfamiliarity with the forms. At first carefully analyze the words. To do this it is, of course, necessary for you to think of them in detail; but after you have determined the correct outline, practice it and think of it as a *whole*.

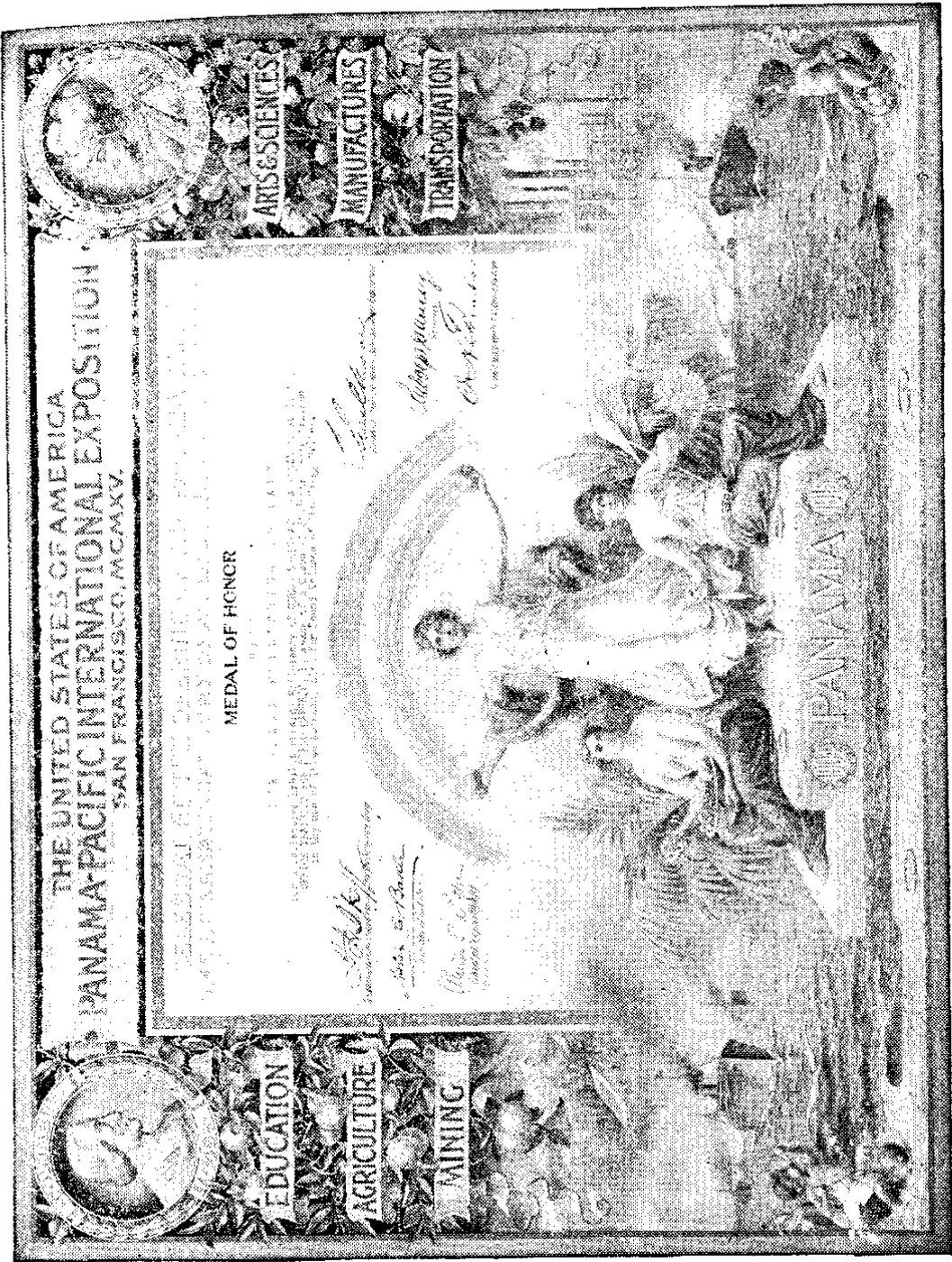
Facility in the use of shorthand depends largely upon the stock of outlines you have at your ready command. Note the use of that word *ready*. This means that you should master all the forms given in the Manual by writing them many times. This will not only impress the forms on your mind so that you will not have any hesitation in recalling them, but will give you facility in writing them. In shorthand it is not sufficient to *know* how to write a word—you must not only know the form but be able to write it quickly. Hence the necessity for much *repetition practice* in writing the forms.

If, in addition to the words given in the Manual, you can add to your stock of outlines other words written under the same principles you will have gained a great deal—will have laid a broader foundation for advanced work which will lessen the time required to attain efficiency.

DEVOTE MUCH TIME TO READING WELL-WRITTEN SHORTHAND.—By doing this you will become not only a fluent reader, but you will enlarge your writing vocabulary. Unconsciously you will imitate in your own work the easy execution of the forms shown in the printed plates. All expert writers have devoted much time to reading shorthand.

In addition to the work outlined in this Manual, we strongly recommend the use of the exercises given each month in the Learners' Department of the *Gregg Writer*. These exercises can be used with great advantage from the very first lesson. Each number contains many helpful suggestions, and a number of shorthand pages that afford valuable exercises in reading and writing for students at all stages of advancement.

DON'T GET DISCOURAGED.—The complete mastery of shorthand and typewriting is worthy of your best efforts, and if you devote yourself earnestly to that work there can be no such thing as failure.



The Alphabet of Gregg Shorthand

CONSONANTS

Written forward:

K G R L N M T D TH
— — — — — — — — — —
or

Written downward:

P B F V CH J S SH
— — — — — — — —
H NG NK
— — — —
(A dot)

VOWELS

A-group

Short	ä as in cat	o
Medium	ä " " calm	o
Long	ä " " came	o

O-group

Short	ö as in hot	o
Medium	aw " " audit	o
Long	ö " " ode	o

E-group

Short	i as in din	o
Medium	e " " den	o
Long	e " " dean	o

OO-group

Short	ü as in tuck	o
Medium	oo " " took	o
Long	oo " " doom	o

DIPHTHONGS

Composed
of

ü ē-oo as in unit o
ow ä-oo " " owl o

Composed
of

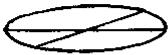
oi aw-ē as in oil o
i ä-ē " " isle o

FIRST LESSON

1. Shorthand is written by *sound*; thus *aim* is written *ām* (long sound of *a*), *cat* is written *kăt*, *knee* is written *nē*.

CONSONANTS

2. The alphabet should be mastered in sections, as given in these lessons. It will be noticed that the consonants are arranged in pairs, according to their affinity of sound, and are distinguished by a difference in length. There is no absolute standard as to length, as the characters, being founded on ordinary writing, vary in size, slant, etc., according to the personal habits of the writer. The size of the characters given in this manual will be a safe standard to adopt. The characters for the consonants in this lesson are derived from an elliptical figure, thus:



K G R L N M T D H

— — — — — — / \ .

NOTE: All these characters are written *forward* from left to right, and T, D struck *upwards* from the line of writing. The G given in this lesson is called *gay*, being the hard sound as in *game*, *get*, and not the soft sound heard in *gem*, *magic*. The aspirate H is indicated by a dot placed over the vowel. The student should practice all these characters until he can write them without the slightest hesitation.

VOWELS

3. In writing by sound there are twelve distinct vowels, which are arranged in four groups, and three closely related sounds are placed in each group. In this lesson we have the first two groups, which for convenience are named the "A" group and the "E" group.

4. The *short* sound of *a*, as heard in *cat*, *ran*, is expressed by the large circle; the *medium* sound, as heard in *calm*, *ark*, is expressed by the large circle with a dot beneath the circle; the *long* sound, as heard in *ate*, *may*, is expressed by the large circle with a dash beneath the circle.

ä	○	<i>as in</i>	mat	m ä t	— 6
ä	○	<i>as in</i>	calm	k ä m	— 7
ä	○	<i>as in</i>	gate	g ä t	— 8

5. The *short* sound of *i*, as heard in *din*, *rid* (not the long sound of *i*, heard in *dine*, *ride*), is expressed by the small circle; the sound of *e*, as heard in *get*, *net*, is expressed by the small circle with a dot beneath the circle; the *long* sound of *e*, as heard in *me*, *eat*, is expressed by the small circle with a dash beneath the circle.

i	○	<i>as in</i>	knit	n i t	— 6
ě	○	<i>as in</i>	net	n ě t	— 6
ě	○	<i>as in</i>	neat	n ě t	— 7

NOTE: The dot and dash are useful to indicate the exact vowel sounds in unfamiliar or in isolated words, but otherwise they are seldom used.

FIRST LESSON

3

RULES FOR JOINING CIRCLES

6. The circle is written on the *inside of curves*, and on the *outside of angles*.

Inside Curves

eke	ē k		era	ē r a	
key	k ē		rat	r ā t	
ale	ā l		take	t ā k	

Outside Angles

team	t ē m		rail	r ā l	
meet	m ē t		gain	g ā n	

7. Before or after straight lines, or between two straight lines running in the same direction, the circle is written forward—as the hands of a clock move.

	<i>Before</i>		<i>After</i>		
aim	ā m		me	m ē	
hat	h ā t		day	d ā	

Between

mean	m ē n		deed	d ē d	
------	-------	--	------	-------	--

8. Between two reverse curves the circle is turned on the back of the first curve.

kill	k ī l		gear	g ē r	
wreck	r ē k		lake	l ā k	

METHOD OF PRACTICE

9. The following list of words should now be copied. In doing this, particular attention must be paid to the *sounds* of each word. If the student will repeat the sounds as he writes the word, it will help to impress the forms upon his memory and at the same time familiarize him with the process of note-taking.

GENERAL EXERCISE

knee	n ē	→	tact	t ā k t	✓
keen	k ē n	→	tray	t r ā	✓
kick	k ī k	→	train	t r ā n	✓
ache	ā k	→	treat	t r ē t	✓
acre	ā k r	→	nail	n ā l	✓
acme	a k m ē	→	tale	t ā l	✓
neck	n ē k	→	lay	l ā	✓
cake	k ā k	→	deem	d ē m	✓
ark	ä r k	→	rim	r ī m	✓
eat	ē t	→	reed	r ē d	✓
kit	k ī t	→	arid	a r ī d	✓
hit	h ī t	→	rainy	r ā n ī	✓
had	h ā d	→	hack	h ā k	✓

FIRST LESSON

5

eddy	ě d ě		ill	í l	
writ	r í t		hill	h í l	
came	k ā m		mill	m í l	
creed	k r ē d		attic	ă t ī k	
cream	k r ē m		tickler	t ī k l	
merry	m ē r í		ticket	t ī k ě t	
lane	l ā n		trick	t r ī k	
lamb	l ā m		deck	d ě k	
lady	l ā d ě		deacon	d ě k n	
rack	r ā k		decay	d ě k ā	
ready	r ē d ě		reel	r ē l	
maim	m ā m		gray	g r ā	
grim	g r ī m		eagle	ē g l	
rally	r ā l ī		arena	a r ē n a	
get	g ě t		narrate	n ā r ā t	
rig	r ī g		marine	m a r ē n	
linen	l ī n ē n		hatred	h ā t r ē d	
drama	d r ā m a		camera	k ā m ē r a	
rag	r ā g		tyranny	t ī r a n ī	
lick	l ī k		etiquette	ě t ī k ě t	

SIMPLE WORD-SIGNS

10. A large proportion of all written and spoken language is made up of a few simple words. For such words brief forms called word-signs are provided. Those given here should be memorized immediately:

can	—	in, not	—	he	◦
go, good	—	am, more	—	I	◦
are, our	—	at, it	—	a, an (dot)	·
well, will	—	would	—	the (th)	—

up

PHRASE-WRITING

11. The joining of simple words is a great help to speed in writing shorthand, but it is a difficult art to acquire if its acquirement be deferred until the habit has been formed of writing common words separately. The student should, therefore, practice it diligently from the very beginning of his study. For such practice the simple phrases here given will serve as models:

in the	—	I would	—	it will not	—
I can	—	I am	—	I can not	—
I will	—	at the	—	in our	—
would not	—	it will	—	can the	—

PUNCTUATION, ETC.

12. The *period* is expressed by ~, the end of a *paragraph* by >, the *dash* by ==, the *hyphen* by // (two short dashes struck upward), and the *interrogation* by ×. Capitals and proper names may be indicated by two short dashes under the outline. The parentheses may be expressed by the ordinary marks with short dashes through them f f. Other punctuation marks are written in the usual way.

READING EXERCISE

reindeer
moose

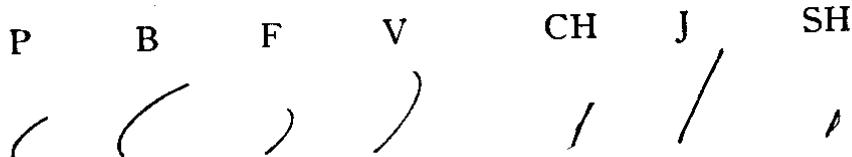
WRITING EXERCISE

1. Ellen Terry read the drama well.
 2. Helen Keller can read in-the dark.
 3. The rain will make the day dreary.
 4. The enemy may make an attack in-the rear.
 5. The League team will meet at-the Arena.

SECOND LESSON

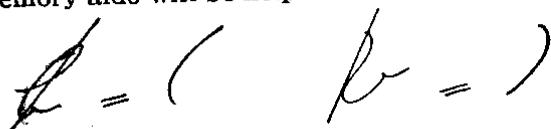
THE DOWNWARD CHARACTERS

13. The characters for the consonants in this lesson are derived from another elliptical figure; thus



NOTES: All these characters are written downwards. CH is pronounced *chay*, not *see-atch*; and SH is called *ish*, not *es-atch*. SH is a mere tick.

The following memory aids will be helpful:



14. In the writing of F, V, a rather vertical inclination is desirable in order that the curve may join easily with other characters. In forming the combinations *fr*, *fl*, it is not necessary to make an angle. The motion is just the same as in writing a part of Y in longhand; thus

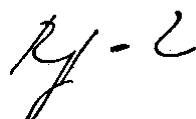


fig	f ī g		free	f r ē	
vain	v ā n		frame	f r ā m	
fail	f ā l		flash	f l ā sh	

SECOND LESSON

9

15. The circle may assume the form of a loop where more convenient.

dash	d ā sh		cheat	ch ē t	
fame	f ā m		lap	l ā p	

16. Between an oblique curve—such as P, B, F, V—and a straight line, the circle is placed on the outside.

palm	p ä m		Dave	d ā v	
beat	b ē t		knave	n ā v	

17. The base of the first consonant of a word rests on the line of writing.

map	m ā p		fetch	f ē ch	
cave	k ā v		chief	ch ē f	

18. The following words illustrate the application of the rules for joining circles to the consonants given in this lesson:

Inside Curves (Par. 6).

Outside Angles (Par. 6).

Joined to Straight Lines (Par. 7).

Between Reverse Curves (Par. 8).

Between Oblique Curves and Straight Lines (Par. 16).

GENERAL EXERCISE

edge	ĕ j	J	jig	j ī g	J
able	ā b l	C	apple	ă p l	C
fear	f ē r	Z	peal	p ē l	Z
beer	b ē r	G	appeal	ă p ē l	G
fish	f ī sh	H	cheap	ch ē p	H
feed	f ē d	X	chap	ch ă p	X
play	p l ā	Q	beak	b ē k	Q
cheek	ch ē k	F	back	b ă k	F
reap	r ē p	T	beam	b ē m	T
peep	p ē p	E	balm	b ä m	E
Jap	j ā p	B	chain	ch ă n	B
nap	n ā p	P	catch	k ă ch	P
cab	k ă b	R	shake	sh ă k	R
peach	p ē ch	G	shame	sh ă m	G
preach	p r ē ch	G	bread	b r ē d	G
tab	t ă b	L	bridge	b r ī j	L
gem	j ē m	L	shave	sh ă v	G
pale	p ā l	E	fray	f r ā	E
sherry	sh ē r ī	E	feel	f ē l	Z

SECOND LESSON

11

ledge	l ē j		Arab	ă r a b	
allege	ă l ē j		chill	ch ī l	
pledge	p l ē j		Jack	j ā k	
nib	n ī b		rage	r ā j	
brief	b r ē f		page	p ā j	
chin	ch ī n		vague	v ā g	
calf	k ä f		dip	d ī p	
rave	r ā v		rich	r ī ch	
grave	g r ā v		navy	n ā v ī	
shade	sh ā d		cliff	k l i f	
half	h ä f		shaggy	sh ā g ī	
badge	b ä j		vim	v ī m	
brain	b r ā n		abate	a b ā t	
valid	v ā l ī d		heavy	h ē v ī	
trap	t r ā p		Java	j ä v a	
crash	k r ā sh		parish	p ā r ī sh	
trash	t r ā sh		palate	p ā l a t	
beef	b ē f		flinch	f l ī n ch	
brave	b r ā v		beetle	b ē t l	
hitch	h ī ch		avail	ă v ā l	

WORD-SIGNS AND PHRASES

put		let, letter	
be, but, by		little	
been, bound		market, Mr.	
before, behalf		reply	
belief, believe		represent	
for		teach	
form, from		check	
have		for the	
change, which		I have	
shall, ship		I have not	
about		in which	
after		I shall	
ever		I shall not	
any		I shall have	
name		from the	
give-n		would be	
gave		in reply	
please		please ship	

NOTE: The rule given in Par. 17 applies to phrases.

READING EXERCISE

c o u t d e b
T . e g - e u l)
L e - / b - y . c
e - g l e - / b
b) e . e s u l
e - g e - g -
. (L e f - . - x

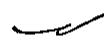
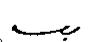
WRITING EXERCISE

1. The maid will-be at-the market every day.
2. Phoebe Cary will teach her French.
3. The team will-be ready for-the match game.
4. Henry came back from-the navy after he had achieved fame.
5. The range in-the kitchen will bake good bread.
6. Jennie will-have the meal ready in about an hour.
7. Please pay for-the ticket in cash for I-can-not take a check.

THIRD LESSON

THE O-HOOK

19. The lower part of the elliptical figure  (called the *o-hook*) represents the short sound of *o*, as heard in *hot, top*; the hook with a dot beneath it expresses the sound of *aw*, as in *awe, law*; the hook with a short dash beneath it expresses the long sound of *o*, as in *owe, no*.

ō	ō	as in	rot	r ō t	
aw	aw	as in	raw	r aw	
ō	ō	as in	wrote	r ō t	

GENERAL EXERCISE

hot	h ō t		Shaw	sh aw	
ought	aw t		shawl	sh aw l	
taught	t aw t		show	sh ō	
odd	ō d		shoal	sh ō l	
nod	n ō d		toad	t ō d	
Maud	m aw d		foe	f ō	
mode	m ō d		foam	f ō m	

THIRD LESSON

15

loaf	l ö f		paw	p aw	
cope	k ö p		pawn	p aw n	
coach	k ö ch		jaw	j aw	
rod	r ö d		dodge	d ö j	
blow	b l ö		lodge	l ö j	
botch	b ö ch		talk	t aw k	
hobby	h ö b i		broad	b r aw d	
fraud	f r aw d		dough	d ö	
wrought	r aw t		Jove	j ö v	
dot	d ö t		obey	ö b ä	
ball	b aw l		hope	h ö p	
hog	h ö g		fop	f ö p	
blot	b l ö t		chop	ch ö p	
rogue	r ö g		Paul	p aw l	
pillow	p i l ö		pole	p ö l	
shallow	sh ä l ö		beau	b ö	
elbow	ě l b ö		arrow	ä r ö	
rope	r ö p		John	j ö n	
polo	p ö l ö		bone	b ö n	
bore	b ö r		motto	m ö t ö	

20. The O-hook is placed on its side *before* N, M, R, L, except when preceded by a downward character, as in *bore, bone, pole, foam, John*.

on	ō n	—	hall	h aw l	
or	aw r		dome	d ō m	
moan	m ū n		Nome	n ū m	

GENERAL EXERCISE

nor	n aw r		home	h ū m	
orb	aw r b		flown	f l ū n	
own	ō n		knoll	n ū l	
whole	h ū l		drawn	d r aw n	
hollow	h ū l ū		blown	b l ū n	
aroma	a r ū m a		tone	t ū n	
core	k ū r		atone	a t ū n	
known	n ū n		door	d ū r	
roam	r ū m		adore	a d ū r	
roll	r ū l		loan	l ū n	
comb	k ū m		alone	a l ū n	
coal	k ū l		mole	m ū l	
omit	ō m i t		dawn	d aw n	

THIRD LESSON

17

goal	gōl		holy	hōlī	
tall	tawl		Nora	nōra	
brawny	brawni		Cora	kōra	

WORD-SIGNS AND PHRASES

all		told	
beyond		very	
body		of the	
call		of all	
care		of which	
company, keep		of our	
fall, follow		in favor	
far, favor		in our favor	
friend-ly		on the	
glad		on our	
judge		on which	
most		on which the	
of		in regard	
public, publish		I told	
real, regard		on behalf	

READING EXERCISE

- h o d y b u d -
- n e w - l
- l . - E s t i c
- t o - t r - y
- J C . b a g - o
. L u c k i n g f.
- t - v i e .

WRITING EXERCISE

1. The team will haul the heavy load of coal.
2. Judge Lodge would-not keep the letter from-the public.
3. He will-pay for-the lot if Mr. Cone will take a check drawn in-our-favor.
4. I-can-not very well follow the form given in-the letter.
5. After the ball game Laura came home in-the launch.
6. The good ship Jane dashed on a rock, but all the people reached the shore.

FOURTH LESSON

THE OO-HOOK

21. The upper part of the small elliptical figure (called the *oo-hook*) represents the short sound of *u*, heard in *hum*, *dumb* (not the long *u* heard in *use*, which will be given later); the hook with a dot beneath it expresses the sound of *oo*, as in *took*, *foot*; the hook with a short dash beneath it expresses the long *oo*, as in *doom*, *boom*.

ü		as in	tuck	t ü k	
ǒ		as in	took	t ǒo k	
ōō		as in	tomb	t ōō m	

GENERAL EXERCISE

hut	h ü t		doom	d ōō m	
tug	t ü g		shove	sh ü v	
shut	sh ü t		hug	h ü g	
shoot	sh ōō t		rut	r ü t	
to	t ōō		shoe	sh ōō	
do	d ōō		shook	sh ū k	

foot	f ū t	ꝝ	up	ū p	ꝝ
cuff	k ū f	ꝝ	dug	d ū g	ꝝ
hush	h ū sh	ꝝ	jug	j ū g	ꝝ
gush	g ū sh	ꝝ	fudge	f ū j	ꝝ
honey	h ū n ī	ꝝ	huff	h ū f	ꝝ
duck	d ū k	ꝝ	pool	p ū l	ꝝ
hood	h ū d	ꝝ	fool	f ū l	ꝝ
hook	h ū k	ꝝ	toot	t ū t	ꝝ
dove	d ū v	ꝝ	oven	ū v n	ꝝ
puff	p ū f	ꝝ	tough	t ū f	ꝝ
who	h ū o	ꝝ	ruddy	r ū d ī	ꝝ
whom	h ū m	ꝝ	chuckle	ch ū k l	ꝝ
huddle	h ū d l	ꝝ	boom	b ū m	ꝝ
tattoo	t ā t ū o	ꝝ	lucky	l ū k ī	ꝝ

22. The OO-hook is always placed on its side *after* N or M; it is also placed on its side *after* K or G *when followed by R or L.*

nun	n ū n	ꝝ	mug	m ū g	ꝝ
mud	m ū d	ꝝ	mood	m ū d	ꝝ
muff	m ū f	ꝝ	cool	k ū l	ꝝ
moon	m ū n	ꝝ	gull	g ū l	ꝝ

REVIEW EXERCISE ON BOTH HOOKS

hot	h ö t	✓	loam	l ö m	✓
hut	h ü t	✓	loom	l oo m	✓
home	h ö m	✓	rot	r ö t	✓
hum	h ü m	✓	rut	r ü t	✓
moan	m ö n	✓	bone	b ö n	✓
moon	m oo n	✓	boon	b oo n	✓
mode	m ö d	✓	coach	k ö ch	✓
mood	m oo d	✓	gush	g ü sh	✓
dome	d ö m	✓	coal	k ö l	✓
doom	d oo m	✓	cull	k ü l	✓

W AND Y

23. When followed by a vowel, W has the sound of *oo*, as *oo-a-t—wait*. W is therefore expressed by the oo-hook.

we	w ē	✓	wall	w aw l	✓
weave	w ē v	✓	woe	w ö	✓
wait	w ä t	✓	wool	w oo l	✓

24. In the body of a word it is generally more convenient to express *w* by a horizontal dash under the

vowel, but this dash may often be omitted.

twig	t w ī g		equity	ě k w ī t ī	
twin	t w ī n		dwell	d w ě l	
quick	k w ī k		headway	h ě d w ā	

25. In words beginning with *a-h* or *a-w*, followed by a vowel, *a* is expressed by a dot placed on the line close to the next character.

ahead	a h ě d		awake	a w ā k	
away	a w ā		ahem	a h ě m	

26. Wh is pronounced *hw*, as *h-w-ē-l* — *wheel*, hence the dot for *h* should be written first.

whit	hw ī t		whack	hw ā k	
whig	hw ī g		whim	hw ī m	

27. Y is equivalent to ē, as ē-ō-r — *yore*, and is therefore represented by the small circle.

yacht	y ū t		yore	y ū r	
yawn	y aw n		yawl	y aw l	

NOTE: When the combination *yo* or *yaw* precedes R or L, the hook is not placed on its side.

28. At the beginning of a word *yī* or *ye* is expressed by a small loop, and *ya* by a large loop. When neces-

sary to denote the exact shade of vowel sound, the dot or dash is placed beneath the loop.

ye	yē	ø	yet	yě t	/
yea	yā	ø	yellow	yě lō	-
year	yē r	ø	Yale	yā l	—

GENERAL EXERCISE

way	wā	ø	acquit	ă k w i t	ø
wave	wā v	ø	quail	k wā l	-
wade	wā d	ø	Broadway	b raw d wā	ø
wake	wā k	ø	roadway	r ō d wā	ø
wage	wā j	ø	await	a wā t	ø
weed	wē d	ø	awoke	a wō k	-
widow	wī dō	ø	wheel	hwē l	-
weep	wē p	ø	wheat	hwē t	ø
walk	w aw k	ø	whip	hwī p	ø
wash	wō sh	ø	whiff	hwī f	ø
watch	wō ch	ø	yam	yā m	-
wove	wō v	ø	Yarrow	yā rō	ø
quack	k wā k	ø	yoke	yō k	ø

WORD-SIGNS AND PHRASES

above		of your	
become, book		to you	
could		do you	
full-y		you have	
great		you have not	
look		we have	
move		we have not	
much		you can not	
should		we can not	
sure-ly		we will	
upon		from you	
work		your letter	
world		if you have	
yes		if you will	
you, your		if you can	

W is omitted in the following words:

week		when	
were		what	
where		won-one	

READING EXERCISE

C - o - m - f - u - c - o -
s - i - d - e - n - u - r - u -
e - l - b - e - v - y - e - s
g - h - u - n - o - n -
P - C - C - s - - e - g
n - u - c - y - a - h - l
y - c - P - L - e -

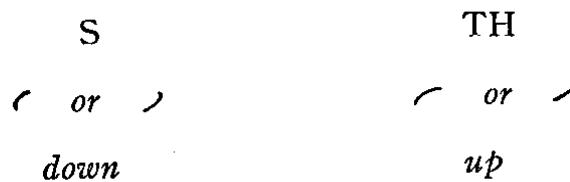
WRITING EXERCISE

1. The wheel of-the wagon caught in a rut of-the rough road.
2. The pony ran away but the groom caught him.
3. Edwin should have told you about-the affair before the letter reached you.
4. You may do the work in your own way if-you-are sure you-can do it well.
5. The mud in-the road will-reach up to-the hub of-the wagon wheel.

FIFTH LESSON

S AND TH

29. From the small elliptical figure given in the last lesson  two small curves are obtained which are written downwards to express the very common letter S, and upwards to express Th.

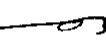


NOTE: It is very important to keep steadily in mind that the curves for S are written *downwards*, while those for TH are written *upwards* and at a greater inclination. The following is a useful memory aid:



RULES FOR JOINING S AND TH

30. When S is joined to a curve, the S is written in the same direction as the curve to which it is joined, thus securing a *uniform movement*. A circle vowel occurring at the joining does not affect the application of this rule.

spray		safe		makes	
reaps		face		case	
pass		skate		slay	
sphere		sick		sales	

NOTE: When S precedes a down stroke, the base of the down stroke rests on the line.

31. When S is joined to T, D, N, M, the S is used which forms a sharp angle. A circle vowel occurring at the joining does not affect the application of this rule.

stay	ſ	odds	ſ	smack	ſ
set	ſ	days	ſ	same	ſ
nets	ſ	snow	ſ	leans	ſ
said	ſ	seen	ſ	knees	ſ

32. When S is joined to Sh, Ch, J, the S is used which is written with the clockwise movement—called the “comma S.”

sash	ſ	sage	ſ	chess	ſ
------	---	------	---	-------	---

33. In words consisting of S or Th, or both, and a *circle* vowel, S or Th should be written with the clockwise movement.

<i>Circle and S</i>	<i>Circle and Th</i>	<i>Combinations</i>	
as	ſ	these	ſ
see	ſ	sees	ſ
essay	ſ	Seth	ſ

34. The clockwise Th is given the preference, but when joined to O, R, L, the other form is used.

thick	ſ	though	ſ	moth	ſ
theme	ſ	throw	ſ	earth	ſ
doth	ſ	athlete	ſ	health	ſ

35. In words beginning with *so*, the "comma S" is used.

so	8	soul	2	soap	8
sorrow	2	sofa	2	sod	2

36. The combination *us* is written without an angle at the beginning of words, or when it follows a down stroke or K, G.

us	2	fuss	3	gracious	2
bus	2	gust	2	vicious	3

37. Z is represented by the sign for S, but an oblique dash marks the distinction in isolated words. If necessary, the Th heard in *breathe* may be distinguished from the sound heard in *breath* in the same manner.

gas	2	face	2	breath	6
gaze	2	phase	2	breathe	6

NOTE: The sound of *zh*, heard in *azure*, *rouge*, *garage*, may be distinguished from *sh* by the oblique dash, but this is necessary only where it is desired to mark the precise sounds of foreign words.

38. The letter X may be expressed at the end, or in the body of words, (but not at the beginning), by a slight modification of the curve for S, as shown in the following examples:

mix	2	coax	2	tax	8
box	2	fix	2	lax	2

39. The sound of Ng, heard in *long*, is expressed by N written in a slightly downward direction; and Nk (which is sounded *ngk*, as *rang-k—rank*) by a longer sign.

rang		sing		king	
rank		sink		kink	

SIMPLE PREFIXES AND SUFFIXES

40. The prefixes *con*, *com*, *coun* are expressed by K, and the vowel is omitted in the prefixes *en*, *in*, *un*, *em*, *im* when the prefix is followed by a consonant. The prefix *ex* is expressed by *es*.

condole		infancy		impress	
convey		envy		extol	
compass		emboss		explode	

41. The suffix *ing* or *thing* is expressed by a dot placed beneath or close to the preceding letter; *ings* is expressed by S in the same place, the S being written contrary to the hands-of-a-clock movement.

being		singing		anything	
doing		making		sayings	
ringing		everything		readings	

42. The suffix *ly* is expressed by the small circle, and *ily, ally* by a loop.

only	—○—	calmly	—○—	prettily	—○—
early	—○—	readily	—○—	totally	—○—

43. The suffix *tion, sion (shun)* is expressed by SH.

nation	—○—	session	—○—	action	—○—
oration	—○—	motion	—○—	fashion	—○—

GENERAL EXERCISE

say	—○—	guess	—○—	link	—○—
seem	—○—	chase	—○—	throat	—○—
save	—○—	sleepy	—○—	both	—○—
sap	—○—	serene	—○—	booth	—○—
solemn	—○—	steel	—○—	gang	—○—
scratch	—○—	stray	—○—	thief	—○—
scream	—○—	city	—○—	death	—○—
scrip	—○—	snake	—○—	swear	—○—
score	—○—	smash	—○—	switch	—○—
hymns	—○—	smith	—○—	sweet	—○—
miss	—○—	fasten	—○—	swim	—○—

NOTE: When *sw* is followed by T, D, N, or M, the *w* is expressed by the hook.

FIFTH LESSON

31

trace	rl	salad	ld	loath	l
terrace	rl	threat	rd	thud	r
shoes	s	throne	rn	preface	g
shows	sf	myth	mt	spring	g
husky	hs	wrong	rn	condone	r
dusky	ds	acid	ck	complex	ck
hustle	hs	bath	ft	concave	g
audacious	sd	wing	ng	combat	g
zealous	ls	zero	rz	county	rr
efface	ff	siege	gi	enrich	g
ethics	ts	thus	ts	infamous	ts
hasty	st	suffix	sf	unfit	g
sabre	sb	elixir	lk	relation	rl
saucy	sl	applause	pl	expression	lp
essays	ss	stab	bl	invasion	g
Jessie	sl	sedate	dt	shipping	g
sprain	sn	theft	ft	feelings	g
elapse	sl	sashes	sh	thickly	ck
story	sr	sober	rb	brutally	ck
sparrow	sl	plank	nk	craftily	lk

WORD-SIGNS AND PHRASES

ask		than, then	
business		that	
cause, because		their, there	
course		them	
desire		they	
else, list		thing, think	
inclose		this	
instan- ^t _{ce}		those	
is, his		was	
long		is the	
must		is this	
next		is there	
other		there is	
receive		this is	
some		in these	
soon		for that	
speak, speech		he was	
state		there was	
such		in such	

READING EXERCISE

C - n - h - n - o) b -
f - c - n - o - g - t
r - e - l - f - b . d - r - z -
e - k - - p - o - l -
c) s - r - v - - n - q - t - o - l
o - f - i - - g - c - - g - v
c - o - o - w - C - o - s - (t -

WRITING EXERCISE

1. The book of essays by John Burroughs was given a long notice in the papers.
2. I think that such a motion was made early in the session.
3. I shall not wait for a letter from Mr. King as the book is on the press.
4. We enclose a list of things which we shall need very soon.
5. The speech by Nicholas Murray Butler was on the ethics of teaching.

SIXTH LESSON

DIPHTHONGS

44. A pure diphthong is the union in one syllable of two simple vowels uttered in rapid succession. The diphthongs are therefore expressed by joining the circles and hooks representing the vowels of which they are composed.

ū	o	as in	fume	f ū m	ꝑ
ow	ꝑ	as in	now	n ow	ꝑ
oi	ꝑ	as in	oil	oi l	ꝑ
i	o	as in	die	d i	ꝑ

NOTE: The diphthong *ū* is a combination of *e* and *ōō*; *ow*, of *a* and *ōō*; *oi*, of *aw* and *e*. The sign for the diphthong *i* is a large circle with an indentation — resembling a combination of *a* and *e*, which, if uttered in rapid succession, yield a sound almost equivalent to *ī*. This sign for *i* is generally called "the broken circle."

GENERAL EXERCISE

hue	h ū	ꝑ	fine	f ī n	ꝑ
feud	f ū d	ꝑ	huge	h ū j	ꝑ
cow	k ow	ꝑ	mute	m ū t	ꝑ
toy	t oi	ꝑ	bough	b ow	ꝑ
annoy	a n oi	ꝑ	Hoyle	h oi l	ꝑ
sky	s k i	ꝑ	try	t r i	ꝑ

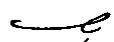
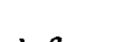
unique	ū n ē k		thy	th ī	
dunce	ow n s		humid	h ū m ī d	
toil	t oi l		sigh	s ī	
ripe	r ī p		scout	s k ow t	
youth	ū th		Nile	n ī l	
thou	th ow		vow	v ow	
mine	m ī n		price	p r ī s	
Roy	r oi		rhyme	r ī m	
cue	k ū		apply	ă p l ī	
guide	g ī d		tile	t ī l	
alloy	ă l oi		comply	com p l ī	
chime	ch ī m		invite	in v ī t	
adjoin	a j oi n		enjoy	en j oi	
fight	f ī t		impugn	im p ū n	
mouth	m ow th		exude	ex ū d	
noise	n oi s		mightily	m ī t ily	

NOTES: (a) The rules governing the joining of the circles apply to the diphthong ī. In the words *Nile*, *tile*, for instance, the sign is placed outside the angle, as is done in *nail*, *tale*.

(b) In some words it will be found unnecessary to write the line through the large circle to express the diphthong. For example, it is sufficient to write *mat* for *might*, as "it mat (might) be," and *ma* for *my*, as "in ma (my) opinion," etc. Other common examples are: *life*, *quite*, *lively*.

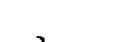
VOWEL COMBINATIONS

45. Consecutive vowels which do not form a pure diphthong are joined in their natural order.

Leo	l ē ō		olio	ō l i ō	
Owen	ō ē n		cameo	k ā m ē ō	
Noah	n ō a		snowy	s n ō ī	

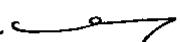
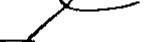
NOTE: When long ō is followed by a small circle, as in *Owen*, (ō ē n), the dash is usually placed beneath the hook.

46. Any vowel following the diphthong *i* is expressed by the small circle within the large circle.

via	v ī a		lion	l ī ū n	
fiat	f ī ā t		science	s ī ē n s	
dial	d ī a l		iota	ī o t a	

NOTE: When *io* begins a word it is written (as in *iota*, given above) with the same movement as *o* in longhand, which it resembles in appearance.

47. Where necessary, short *i* followed by *a* as in *mania*, is expressed by the large circle with a *dot* placed within it; and *e* followed by any large circle vowel sound by the large circle with a *dash* within it. These distinctions are seldom necessary.

mania	m ā n ī a		Olympia	ol ī m p ī a	
medial	m ē d ī a l		ammonia	ā m ū n ī a	
create	k r ē ā t		Lydia	l ī d ī a	

48. There are a few words in which there are no consonants. In such words the dot for the aspirate, or the marks distinguishing the vowel sounds, should be used.

ah!	ø	who	ɔ̄	ye	ø
awe	ʌ	hue, hew	ø̄	yea	ø
owe, oh!	ɔ̄	hay	ø̄	woe	ɔ̄
hoe	ɔ̄	high	ø̄	woo	ɔ̄

WORD-SIGNS AND PHRASES

allow	g	point, appoint	ø	I find	g
behind	6	right, write	ø	wire	a
find	2	side	ø	please wire	ca
how, out	ø	use	ø	please write	ca
kind	o	usual-ly, wish	7	write me	—
light	ø	while	a	your kind letter	—a
like	—	why	o	on this side	—z
new	→	wife	ø	I would like	g

SPECIAL BUSINESS PHRASES

Dear Sir	✓	Yours truly	✓	Yours very truly	✓
Dear Madam	✓	Very truly yours	✓	Yours respectfully	✓

READING EXERCISE

' I ad pe re ad -
- re - lo - I - ca 2
- b - or - an - 6
- re - o - al , - o - -
6 or wi - 2 - 1 - .
- 6 - or - 6 - o / ,
- o . - o / - o - o

WRITING EXERCISE

1. Julia Marlowe will-not play Ophelia this year.
2. If-you-find that Mr. Boyd is out-of-the city, please-wire-me so that I-can get other help for you.
3. Please-write-me fully as-to what you do about increasing the price on-the lots in Butte.
4. Before we publish the book we-must find out about the size of type which you-wish us to use.
5. The chimes will ring in the new year.

SEVENTH LESSON

BLENDDED CONSONANTS

49. When two straight lines form an obtuse or blunt angle, the natural tendency of the hand is to "slur" the angle and allow the lines to form a curve, thus:



The characters have been so arranged that many frequent combinations form an obtuse angle, and this angle not being observed, the lines blend naturally in the form of a curve.

50. All of the following blended consonants are written upwards from the line of writing:

TEN, DEN		as in tenor		denote	
TEM, DEM		as in temper		demolish	
ENT, END		as in paint		bond	
EMT, EMD		as in prompt		deemed	

NOTES: (a) As the combinations are pronounced as syllables, minor vowels occurring between the consonants are omitted, but diphthongs and strongly accented vowels are inserted. For instance, *dean*, *dine*, *team*, *tame*, *dome*, *dime*, are written in full. The blend is used, however, in words ending in *tain* as *detain*.

(b) Although the blends *ent*, *end*, *emt*, *emd* are pronounced as syllables, just as *sh* is pronounced *ish*, the vowel preceding the blend is seldom omitted, except at the beginning of a word, as in *entry*, *entail*.

GENERAL EXERCISE

tenets		detain		temple	
tenant		threaten		attempt	
tenacious ^(a)		tendency		demur	
dense		attendance		wisdom	
condense		timid		entry	
condensation		freedom		entail	
continent		kingdom		plenty	
condemn		contemplation		moaned	
intention ^(b)		anatomy		dawned	
extension		phantom		fastened	
contention		autumn		lamed	
sweeten		sanctum		seemed	
latent ^(b)		brand		steamed	
mutiny		lined		exempt	
stencil		signed		shamed	
mutton		faint		Indian	
obtain		gained		addenda ^(b)	

Notes: (a) The rule given in Paragraph 16 applies to the circle between the blended consonants and straight lines as in the word *tenacious*.

(b) Where it is possible to use either *ten*, *den*, or *ent*, *end*, the *ten*, *den* blend is given the preference.

51. In joining *d* to *f* or *v*, and *j* to *ent*, *end*, the angle is obscured in rapid writing, and the combination is written with one impulse of the pen.

DEF-V, TIVE *D* as in defeat *D* native *D*

JENT-D, PENT-D *C* as in gentle *C* happened *C*

NOTE: It will be found that *tive* generally occurs at the end of words, as in *native*, and cannot be confused with *def*, *dev*, which generally occur at the beginning of words, as in *defame*.

GENERAL EXERCISE

defy	<i>D</i>	deficit	<i>D</i>	genteel	<i>D</i>
edify	<i>D</i>	restive	<i>D</i>	Gentile	<i>D</i>
edifice	<i>D</i>	festive	<i>D</i>	legend	<i>D</i>
deface	<i>D</i>	motive	<i>D</i>	regent	<i>D</i>
defame	<i>D</i>	attentive	<i>D</i>	contingent	<i>D</i>
defense	<i>D</i>	tentative	<i>D</i>	tangent	<i>D</i>
devout	<i>D</i>	cheapened	<i>E</i>	pageant	<i>E</i>
divine	<i>D</i>	ripened	<i>E</i>	depend	<i>E</i>
divide	<i>D</i>	rampant	<i>E</i>	spent	<i>E</i>
diffidence	<i>D</i>	opened	<i>E</i>	expend	<i>E</i>
devise	<i>D</i>	cogent	<i>E</i>	impending	<i>E</i>

52. The syllables *men*, *mem* are expressed by lengthening *m*, that is, by joining *m* and *n*; *ted*, *ded*, *det*, by a long stroke upwards, equal to *t* and *d* joined; *ses* or *sus*, by joining the two signs for *s*; *xes*, by joining *x* and *s*.

MEN, MEM	—	as in mention	—	memory.	—
TED, DED, DET	/	as in heated	/	seated	/
SES	/ /	as in passes	/	faces	/
XES	/ /	as in boxes	/	mixes	—

NOTES: The combination *det* usually occurs at the beginning of words, as in *detach*, *detest*, while *ded*, *ted*, usually occur at the end of words.

The stroke is used to express *ted*, *ded* after short words only, a disjoined dash being more convenient in most words as explained in Par. 53.

GENERAL EXERCISE

man	—	effeminate	—	Roman	—
many	—	nominate	—	romance	—
menace	/	examine	—	Ottoman	—
minute	—	maintain	—	famine	—
month	—	minimum	—	human	—
amen	—	stamina	—	Manhattan	—
acumen	—	women	—	commonly	—
immense	—	omen	—	detach	—
emanate	—	ominous	—	detection	—
memoir	—	remain	—	waited	—

masses	ſ	teases	ſ	sustain	ſ
guesses	ſ	possess	ſ	cessation	ſ
races	ſ	leases	ſ	annexes	ſ
basis	ſ	fences	ſ	taxes	ſ

NOTE: In rapid writing the first *s* in *ses* may become obscure, and yet the second *s*, being written contrary to the rule for writing a single *s*, clearly indicates the plural form. Compare *face, faces, case, cases, pass, passes*.

53. At the end of many words *ted, ded*, and sometimes *ed*, may be expressed by *t* placed beneath or close to the preceding character.

invited ⚡ . divided ⚡ demanded ⚡ printed ⚡

54. Advantage may be taken of the blending principle in phrase writing, thus: *t-me* for *to me*, *t-do* for *to do*.

to-day	ſ	to meet	ſ	ought to know	ſ
to do	ſ	to make	ſ	at any time	ſ
to draw	ſ	to my	ſ	what to do	ſ
to mean	ſ	to know	ſ	in due time	ſ

WORD-SIGNS AND PHRASES

and, end	ſ	assist	ſ	date, did	ſ
hand	ſ	attention	ſ	definite	ſ
agent	ſ	between	ſ	devote	ſ

differ-ent ence	2	society	2	and I am	9
difficult-y	2	time	2	at hand	i
duty	1	to-morrow	2	all my time	6
endure	2	want	2	at that time	6
exist-ence	2	went	2	for the time	2
gentlemen	0	in time	2	your attention	1
Messrs.	—	and there	2	kind attention	6
says, system	1	and there is	2	every attention	2
season	2	and am	2	my attention	6

READING EXERCISE

— — — 2 — — 6.
 2 . 2 — 9 7 —
 1 1 1 , 2 2 2 .
 " 8 2 . 1 2 2 —
 1 1 . 2 1 2 2 .

W -) a - e ' 2 /
1 , C - - / a - -
~ o , s o . - e ,)
o (a - - a) - -
w a r r o 9 - -

WRITING EXERCISE

1. The society asks for different working conditions and a minimum wage law.
2. The memoirs of this famous man read like a romance; such a book will-be an inspiration to-me.
3. Andrew Temple will study printing and book binding in the evening classes at the Manhattan Academy.
4. Your-letter reached me, but I have had no time to-make the definite reply demanded.
5. That you-are in business means that you-are doing something for-which mankind is willing to-give you money.
6. We-can-not grant the extension of-time you-wish, and if-the money does-not reach us by-the date mentioned, we-shall draw on-you through our bank.
7. The auditor who was sent to examine the books for-the season had to devote a month to-the work.

EIGHTH LESSON

RULES FOR EXPRESSING R

55. The circle or loop is written with a reverse movement to express R:

(a) Before or after straight lines, or between two straight lines in the same direction.

<i>Before</i>	<i>After</i>	<i>Between</i>			
art	ꝑ	tar	ꝑ	tart	ꝑ
arm	ꝑ	mar	ꝑ	marmot	ꝑ
harsh	ꝑ	share	ꝑ	tardy	ꝑ

(b) Between a horizontal and an upward character.

mart	cart	lard	garden
ꝑ	ꝑ	ꝑ	ꝑ

(c) Between a downward character and T, D, N, M.

pert	barn	chart	farm
ꝑ	ꝑ	ꝑ	ꝑ

NOTE: As there is a tendency in rapid writing to curve a straight line when it is followed by a circle, the distinctive method of joining the circle when reversed after Ch, J, illustrated in *chart* (compare with *pert*), is adopted to prevent any possibility of misreading.

(d) Between SH, CH, J, and L.

churl

Charles

charlatan

Jarley

56. By changing the form of the reversed circle to a *loop* at the end of a straight line, the letter S is added.

dares

manners

stars

tires

readers

preachers

cheers

ledgers

57. Before straight lines S in *ser*, *cer*, *sar*, and Th *in*
ther, *thir*, may be written contrary to the usual method
of joining to express R.

sermon

assert

serge

sardine

concern

concert

exert

insert

desert

third

thirty

Thermos

GENERAL EXERCISE

heart

army

harness

hearty

hard

Armenia

heartily

harm

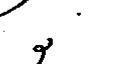
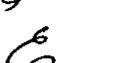
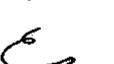
earn

yearn		oyster		guarantee	
yard		barter		courtesy	
Yarmouth		dirty		Hibbard	
harmony		Tartar		pardon	
Armada		tender		bird	
arch		cashier		burden	
hermit		mermaid		spared	
hurt*		murmur		shepherd	
urge*		murder		shirt	
near		martyr		charter	
mere		marten		journey	
jeer		girder		sojourn	
dear		alert		adjourn	
domineer		billiard		germ	
anger		Hilliard		Charlotte	
tire		poniard		hammers	
attire		card		farmers	
dart		carter		soldiers	
mutter		cartridge		surname	

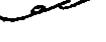
*It is generally more facile to use the circle for the obscure vowel sound heard in *ur*.

58. The letter R is omitted without reversing:

(a) In many words containing *ar, er*:

starch		cargo		perverse	
large		clergy		perversity	
margin		certain		learn	
alarm		serve		term	
tarnish		surface		turn	
argue		surprise		lantern	
starvation		surplus		northern	
gargle		traverse		southern	

(b) In many words containing *or*:

ordain	ornate	sort	retort
			
extort	indorse	border	absorb
			

(c) In words beginning with *war, wor*:

war	warn	ward	worse
			

59. The reversing principle is used to express L in the following words:

till, tell

deal

mail

mile

smile

still

style

detail

NOTE: The plural of these words is expressed by a reversed loop — see Par. 56.

deals

mails

styles

details

WORD-SIGNS

certificate

merchandise

particular

determine

order

territory

firm

organize-
organization

trust

first

question

until

merchant

refer-ence

word

READING EXERCISE

- ay e b. - n . -
 / w a n - - - - -

h - - e o - / w o - i

D. o V o . C S o s
- f o T o d -)
- o v . m f o .
H - - z ~ o d - l
o a - - a b f e e - i
- - f - z o o) u (

L. o v) e q o o e :

WRITING EXERCISE

1. The poems of Robert Burns portray his love for mankind as shown in-the line "A man's a man for all that."
2. We-can-not fill your first order until we-have heard from-your references.
3. In-the northern territory this organization sells only to certain firms, but in-the southern cities it does a large mail order business,
4. The firm in-question deals in hardware and sells all style of churns, hammers and other tools to-the farmers in-this and bordering counties.

NINTH LESSON

WORD-SIGNS

60. The forms on this page should be transcribed without referring to the key. Afterwards the student should compare his transcript with the key, and make corrections.

REVIEW EXERCISE ON WORD-SIGNS

1. . . C C 9 9 c o e t — — — — —
2. - - C C C J J 6 6 C C C C C C
3. o o o 0 1 6 7 v v v v v v v v v v
4. 2 0 2 1 / 3 —) 3 1 2 2 2 2 2
5.) 2 2 2) o o — — — — —
6.) o o - x - - / o o o o o o o o
7. — — — — — — — — — — — —
8. — — — — — — — — — — — —
9. — — — — — — — — — — — —
10. — — — — — — — — — — — —
11. — — — — — — — — — — — —
12. — — — — — — — — — — — —

KEY TO REVIEW EXERCISE ON WORD-SIGNS

61. The student should test his knowledge of the word-signs by writing the following words in shorthand, afterwards comparing the forms he has written with those given on the opposite page. In doing this it is a good plan to place a ring around any word incorrectly written, and afterwards write several lines of the correct form.

1. a-an, about, above, after, agent, all, allow, am-more, and-end, any, are-our, ask, assist.
2. at-it, attention, be-but-by, become-book, been-bound, before-behalf, behind, belief-believe, between, beyond, body, business, call, can.
3. care, cause-because, certificate, change-which, check, company-keep, could, course, date-did, definite, desire, determine.
4. devote, differ-ent-ence, difficult-y, duty, else-list, endure, ever, exist-ence, fall-follow, far-favor, find, firm, first.
5. for, form-from, friend-ly, full-y, gave, gentlemen, give-n, glad, go-good, great, hand.
6. have, he, how-out, I, in-not, inclose, instant-instance, is-his, judge, kind, let-letter, light, like.
7. little, long, look, market-Mr., Messrs., most, move, much, must.
8. name, new, next, of, one, order, organize-organization, other, particular, please, point-appoint, public-publish, put.
9. question, real-regard, receive, refer-ence, reply, represent, right-write, says-system, season, shall-ship, should, side, society, some.
10. soon, speak-speech, state, such, sure-ly, teach, territory, than-then, that, the, their-there, them, they, thing-think, this, those.
11. time, told, to-morrow, trust, until, upon, use, usual-ly-wish, very, want, was, week, well-will, went.
12. were, what, when, where, while, why, wife, wire, word, work, world, would, yes, you-your.

LIST OF ADDITIONAL WORD-SIGNS

62. Many of these words are written in accordance with rules given at a later stage of the study, but are presented now so that the student may begin dictation on connected matter. As these words are of frequent occurrence, the forms should be diligently practiced, in order to gain facility in writing them.

accept-ance	~	bring	C
accord	~	capital	Z
accordance	~~	car, correct	~
acknowledge	~	carry	o
acquaint-ance	oo	character	o
advantage	g	charge	/
advertise	g	clear-ly	~
again	~	clerk	~
agree	O	collect	~
always	~	consider-ation	~
arrange-ment	oo	copy	Z
avoid	g	corporation	Z
beauty	6	correspond-ence	~
better	6	cover	Z
bill	C	credit	~

NINTH LESSON

55

custom	2	import- ^{ant} ance	7
deliver	2	improve-ment	2
direct	2	industry	1
dollar	1	influence	7
draft	2	insur- ^e ance	7
duplicate	1	invoice	7
during, Dr.	1	jury	7
educate	1	mortgage	—
effect	2	never	7
either	2	newspaper	7
enough	2	object	7
experience	2	oblige	7
fault (see fall)	2	occasion	7
future	2	occup- ^y ation	7
God	2	office	7
gone	2	official	7
got	2	opinion	7
govern-ment	2	part	7
house	2	princip- ^{al} le	7
immediate-ly	—	publication	{

pupil	E	spirit	C
quality	~	stand	V
quantity	X	stock	W
railroad	U	strange	Y
railway	W	strong, strength	W
recent	S	suggest-ion	Z
record	W/	thank	~
regret	W	thorough-ly, three	S
remark	W	throughout	W
remit-tance	W	truth	W
report	Z	typewriter	G
respect-ful-ly	T	value	G
return	S	vowel	Z
satis-factory	J	wealth (see well)	C
satisfaction	J	with	O
send	Z	without	O
signific-ant-ance	W	wonder	W
sir	R	yesterday	V
small	W	young	W

NINTH LESSON

57.

NOTES: (a) The plural of word-signs ending in S is formed as follows:

causes



instances



respects



(b) To express the plural of word-signs ending in a circle and of some words ending in a loop, a slight change is made in the manner of joining S.

names



cares



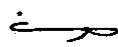
carries



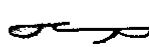
families



homilies



anomalies



(c) After a circle vowel, ly is written outside the preceding consonant, thus:

namely



dearly



likely



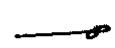
daily



nearly



merely



(d) Ly is added to words ending in the diphthong i by the double circle.

lightly



kindly



rightly



READING EXERCISE

1) - E n d - / -
6 ~ x C G - s t -
G o o . L e s s - m -
C ~ r C L E - g -

WRITING EXERCISE

1. The government will insure the goods against loss.
2. Your acceptance of our order is in accordance with the arrangement, a copy of which I gave to your clerk.
3. His long experience in writing advertising copy will be an advantage to the new official in his work with the insurance corporation.
4. Quality is more important than quantity. Your motto should be "Not how much, but how well."
5. The charge of the judge will oblige the jury to consider the character and occupation of the victim.
6. The agent reports that he could not send the book yesterday but that he will deliver it to-morrow without fail.
7. The typewriter is of great value in the business office. In truth it is difficult to do business without one.
8. He says that most of his pupils wish to take the full course and that he is planning the organization of a new class at the beginning of next month.
9. We suggest that the society arrange to take some action on this report and that such action be made a part of the record.
10. Please send a check with your next order or we cannot accord it immediate attention.
11. The report of this season's business is thoroughly satisfactory.
12. The object of this publication is to place before the public the truth about the recent report on the railway stock.

TENTH LESSON

COMPOUND WORDS

63. A number of compounds may be obtained by joining simple word-signs, as illustrated in the second lesson by the word "before." The following words are formed on the same principle:

any:

be:

ever-y:

here:

there:

where:

soever:

some:

with:

NOTE: Slight modifications or omissions are made in the forms for *anywhere*, *anyhow*, *hereinafter*, *herewith*; *however*, *sometime*, and *somewhere*. These should receive special attention. The form for *notwithstanding* is *not-with-s*.

MISCELLANEOUS COMPOUNDS

nobody	<i>Z</i>	nevertheless	<i>Z</i>	otherwise	<i>no</i>
meanwhile	<i>Z</i>	standpoint	<i>Z</i>	thanksgiving	<i>Z</i>

KEY TO COMPOUND WORDS

any: anybody, anyone, anywhere, anyhow.

be: before, beforehand, behindhand, belong, beside.

ever-y: whatever, whenever, whichever, however, whoever, everybody, everyone, everywhere.

here: hereafter, herein, hereinafter, hereinbefore, hereon, hereto, heretofore, hereunto, herewith.

there: thereafter, therein, therefore, therefrom, thereon, thereto, thereupon, therewith.

where: whereabouts, whereas, wherever, wherefore, wherein, whereof, whereon, elsewhere.

soever: whatsoever, wheresoever, whenssoever, whosoever, whomsoever.

some: somebody, somehow, someone, sometime, somewhat, somewhere.

with: within, withstand, forthwith, notwithstanding.

DERIVATIVES, ETC.

64. After abbreviated words and words ending in a reversed circle, a short dash struck upward is used to express the past tense; the disjoined *r* expresses the terminations *er*, *or*, and the disjoined *ri*, expresses *ary*, *ory*.

TENTH LESSON

61

wanted	✓	director	✓	caller	✓
experienced	✓	directory	✓	customary	✓
dearer	✓	nearer	✓	murderer	✓

NOTE: When the forms are distinctive, *er*, *or*, *ary*, *ory*, may be joined, as in *greater*, *boundary*, *receiver*, *stronger*, *writer*, *reporter*.

65. When a word-sign ends with the *last consonant of the word*, the reversing principle may be used to express *er* after straight lines.

sooner	longer	firmer	teacher
✓	✓	✓	✓

66. The word-signs *after* (*af*) and *out* (*ow*) may be used as prefix forms.

aftertimes	afternoon	outstanding	outside
✓	✓	✓	✓

GENERAL EXERCISE

cared	✓	collected	✓	creditor	✓
favored	✓	corrected	✓	fuller	✓
returned	✓	insured	✓	giver	✓
believed	✓	insurer	✓	kinder	✓
caused	✓	advertiser	✓	recorder	✓
inclosed	✓	clearer	✓	speaker	✓

sender	<u>2</u>	thinker	<u>~</u>	afterglow	<u>9</u>
shipper	<u>L</u>	worker	<u>~</u>	outgoing	<u>O</u>
publisher	<u>E</u>	afterthought	<u>9</u>	outfit	<u>2</u>

THE ABBREVIATING PRINCIPLE

67. Many long words may be abbreviated by dropping the terminations. It would be a waste of time and effort to write more of a word than is necessary to suggest it when transcribing. This principle is already familiar in longhand, as *Rev.* for *Reverend*, *ans.* for *answer*, *Jan.* for *January*, *Phila.* for *Philadelphia*, etc.

The extent to which the principle may be applied depends upon the familiarity of the writer with the words and subject matter. Every writer can apply it easily and naturally to familiar words, and adapt it to the special requirements of the line of work in which he may be engaged.

The words given in this lesson are among the most common and useful illustrations of the application of this principle. When these have been studied, it will be easy to apply the principle in general practice. Many of the words given in subsequent lessons are abbreviated in this way. It is important to bear in mind that all the words so abbreviated will usually occur in sentences. For instance in the sentence "He was received with great enthusiasm," it would be sufficient to write *enthus* for *enthusiasm*; and the same form might be used for *enthusiastic* in "He met with a most enthusiastic reception."

ILLUSTRATION OF ABBREVIATING PRINCIPLE

It is possible that the success of the magazine may

1 6 6 2 1 0 -

make it necessary to change the policy of the association

- 1 1 1 1 - C 1 ?

at the next meeting in Philadelphia sometime in January.

1 - - - L 1 - L -

Have you a memorandum of their financial standing?

) . - - - 1 1 -

We cannot cancel the balance. The February number will

2 2 1 6 1 f -

contain an original story by a very prominent writer.

✓ . y w (.) a e -

Please answer this letter before September first. We

C o r r / (2) , 2

remember your co-operation at that time and we shall show

— - y - - - - 1 1

our appreciation when there is an opportunity to do so.

— G — - . E / R -

EXERCISE ON ABBREVIATING PRINCIPLE

The following words are to be written in shorthand, and afterwards compared with the forms given on the opposite page:

1. aband(on), abbrev(iate), abs(ent), abso(lute), accus(tom), alph(abet), ambass(ador), anim(al), anon(yious), ans(wer).
2. apol(ogize), apprec(iate), assoc(iation), attit(ude), attrib(ute), bal(ance), brill(iant), cal(culate), canc(el).
3. cap(able), Cath(olic), celeb(rate), chil(dren), collat(erall), conseq(uence), co-op(erate), deg(ree).
4. delib(erate), demons(tiate), dict(ate), dilap(idate), dilig(ence), dis(count), eloq(uent), emin(ent).
5. Eng(land), enthus(iasm), entit(le), estab(lish), exam(ination) fam(iliar), finan(cial), freq(uent), gen(eral).
6. grat(itude), hund(red), inaug(urate), indic(ate), innoc(ence), invol(ve), irresis(tible), journ(al).
7. knowl(edge), lang(uage), leg(al), leng(th), lib(erty), loc(al), mag(azine).
8. mat(ter), melan(choly), memo(randum), mod(erare), neg(lect), negoti(ate), num(ber).
9. num(erous), obse(rve), obv(ious), oppor(tunity), ordin(ary), orig(inal), pamph(let), pecu(liar), pecun(iary), perman(ent).
10. perpend(icular), pleas(ant), pol(icy), pop(ular), pos(sible), pov(erty), predeces(sor), pref(er), prej(udice), prelim(inary).
11. prep(are), pres(ent), presi(de), priv(ilege), promin(ent), rath(er), relinq(uish), remem(ber).
12. remons(trate), rev(erend), ridic(ulous), scrup(ulous), separ(ate), sev(eral), simil(ar), simul(taneous), singu(lar).
13. splend(id), suc(cess), suf(ficient), synon(yious), temp(erance), trav(el), unan(imous), un(ion), vul(gar).

EXERCISE ON ABBREVIATING PRINCIPLE

The following words are to be transcribed without referring to the key on the opposite page until the work has been completed.

1. C G l b o s e y T o o o o o
2. L G g o t o f E l e c t r o n
3. P o e C a n z y p
4. M a t t e r p l y t h e r
5. a s t y a d d o u t
6. n o i n v o r g e t
7. n e w e y n o
8. b e e n t o o r s
9. a f f e c t s b a c
10. E l e c t r i c a g g l e
11. g g g g a e e e
12. e n g a n g e) e o o s
13. C o n t a c t y o o o k

68. The Abbreviating Principle may be applied to a *short* word when a distinctive outline is secured. Usually this is done after a diphthong or strongly sounded vowel, as illustrated in the word-signs *right-write*, *find*, *light*, *side*. The following are useful examples:

bright	6	client	~o	trade	~o
delight	~o	private	6	grade	~o
arrive	o	trial	~o	freight	6
derive	~o	doubt	~o	claim	~o
decide	~o	loyal-ty	~o	poor	6
unite	~o	power	6	cure	~o
strike	~o	proud	6	night	~o
entire	9	thousand	~o	to-night	~o

DAYS AND MONTHS

Sunday	—	January	—	August	—
Monday	—	February	—	September	—
Tuesday	—	March	—	October	—
Wednesday	—	April	—	November	—
Thursday	—	May	—	December	—
Friday	—	June	—		
Saturday	—	July	—		

FIGURES, ETC.

69. After numerals the word *dollars* is expressed by *d*; *hundred* by *n* placed under the numeral; *thousand* by *th*; *million* by *m* placed on the line close to the numeral; *billion* by *b*; *pounds* (weight or money) by *p*; *gallons* by *g*; *barrels* by *br*; *bushels* by *bsh*; *feet* by *f*; *francs* by *fr*; *cwt* by *nw*; *o'clock* by *o* placed over the numeral:

\$5	<u>5</u>	£5,000	<u>5</u>
500	<u>5</u>	£500,000	<u>5</u>
\$500	<u>5</u>	five gallons	<u>5</u>
5,000	<u>5</u>	five barrels	<u>5</u>
\$5,000	<u>5</u>	five bushels	<u>5</u>
500,000	<u>5</u>	five feet	<u>5</u>
5,000,000	<u>5</u>	five cwt.	<u>5</u>
\$5,000,000	<u>5</u>	five o'clock	<u>5</u>
5 lbs. (or £5)	<u>5</u>	500 feet	<u>5</u>
500 lbs. (or £500)	<u>5</u>	five francs	<u>5</u>

70. These signs may be used after the article *a* and such words as *per*, *few*, *several*:

a dollar	<u>/</u>	few thousand dollars	<u>/</u>
a thousand dollars	<u>/</u>	a pound	<u>/</u>

a hundred thousand

per hundred

several hundred

a million

several hundred dollars

a gallon

71. *Cents* when preceded by dollars may be expressed by writing the figures representing them very small and above the numerals for the dollars; when not preceded by dollars the sign for *s* is placed above the figures. *Per cent* is expressed by *s* written below the figures; *per cent per annum* by adding *n* to per cent.

\$8.50 five cents five per cent five per cent per annum

8⁵⁰ 5' 5 5

READING EXERCISE

- A / 6 m . , C s & /
m u . , 2 c - o , /
n a e (s - - - - -)
6 . - z - - - - -
1 a (s - - - - -)
. d - . 9 t L m . 3 - -

... a n y - e o g
... o . b o s , c c e
P o o r . o o s - E m a l
L o v e . o o a b . n g
o d - 2 g n d) o p
o f r u r u - G n d.

WRITING EXERCISE

1. Elsewhere in this issue you will find a notice which should be read by everyone who desires general knowledge about the legal rights of women in the different states in the union.
2. He advertised in the afternoon papers for an experienced collector and by 10 o'clock that night a hundred replies were received.
3. The eloquent speaker was greeted with enthusiastic applause which indicated that his views were popular.
4. If the quality of this merchandise is not as represented you may return the goods to us and we will give you credit for them, but we cannot possibly allow you any discount on the balance.
5. The creditor will not relinquish the claim which his first mortgage gives him, and therefore we cannot sell the entire stock at auction as the other creditors suggested.
6. We allow a discount of 5% on cash sales.
7. Some customers take advantage of this even when they find it necessary to borrow the money.

ELEVENTH LESSON

PHRASE-WRITING

72. The student should cultivate the practice of joining small words, for without it great proficiency can never be attained. All the common phrases consisting of two or three words should be written with the same facility as an ordinary word-form, but nothing is gained by straining after special forms for uncommon phrases, or where the outline requires more than five efforts of the pen. While experience must ever be the supreme teacher in phrase-writing, the following suggestions will be useful.

- (a) At the outset short and common words only should be joined.
- (b) The words should make good sense if standing alone, as *I am glad*.
- (c) The outlines for the words should be capable of being easily joined.
- (d) Phrases that carry the hand away from the line of writing should be avoided; in other words, the writer should aim at onward movement.
- (e) Pronouns are generally joined to the words they precede, as *I am, I shall, you can, we have*.
- (f) A qualifying word may be joined to the word it qualifies, as *good men*.
- (g) The prepositions *to, of, in* and *with*, and the conjunction *and*

are generally joined to the words they precede, as *to have, of which, in case, with this, and there.*

(h) The auxiliary verbs *should, would, could* are generally joined to the words they precede, as *should be, would be, could be.*

In practicing the phrases given in this manual, the student should keep steadily in mind that they are given as *examples*, and that he is to form his own phrases on similar lines in general practice. He should study the phrases here given with a view of noting not only the nature of the joinings, but also the nature of the words that are joined.

GENERAL EXERCISE

it is	—	of our	—	I am	—
of the	—	of all	—	I can	—
to the	—	we are	—	I have	—
to this	—	from the	—	you have	—
in the	—	from you	—	I would	—
on the	—	which the	—	I will	—
of his	—	which is	—	you can	—
of their	—	which can	—	you will	—
of your	—	that the	—	of which	—
is the	—	there is	—	it was	—
in our	—	there are	—	in which	—

by the		all right		in this	
by which		there were		in these	
to you		there will		in those	
for the		may be		in thus	
for this		will be		I inclose	
with the		would be		we inclose	
with this		at hand		in regard	

WORD MODIFICATIONS

Very useful and distinctive phrase-forms are obtained by modifying the forms for certain words.

73. Before words beginning with a downward character or O, R, L, *to* is expressed by *t*.

to be		to favor		to honor	
to have		to please		to receive	
to pay		to believe		to look	

74. When repeated in a phrase, the word *as* is expressed by *s*:

as well as		as great as		as many as	
as good as		as much as		as long as	

75. In phrases *been* is expressed by *b*:

have been		has been		it has been	
I have been		had been		I have not been	

76. After *be* or *been* the word *able* is expressed by *a*:

to be able		shall be able	
have been able		has not been able	
would be able		will be able	
should be able		have not been able	

77. The following method of expressing *had* after pronouns should be carefully noted:

I had		they had		we had		you had	
-------	--	----------	--	--------	--	---------	--

78. When *do not* is preceded by a pronoun, it is expressed by the sign for *dn*.

I do not		we do not	
you do not		I do not think	
they do not		you do not know	

79. *Don't* is distinguished from *do not* by writing *dōn*.

I don't think		you don't know		I don't believe	
---------------	--	----------------	--	-----------------	--

80. The phrase *was not* may be easily and legibly expressed by writing *wasn't*, that is, by joining *s* to *nt* without an angle. For the same reason, *it is not* is written *it isn't* and *there is not* is written *there isn't*. If the contractions *wasn't*, *isn't* need to be clearly indicated, an apostrophe is placed over the forms.

it is not	it was not	he was not	it wasn't
<i>w</i>	<i>w</i>	<i>e</i>	<i>e'</i>

81. The words *ago*, *early*, *few*, *him*, *hope*, *sorry*, *want*, are modified as shown in the following phrase-forms:

weeks ago	<i>w</i>	to him	<i>t</i>
months ago	<i>m</i>	I told him	<i>i</i>
years ago	<i>y</i>	we told him	<i>w</i>
at an <i>early</i> date	<i>a</i>	I hope	<i>ip</i>
at an early day	<i>ad</i>	we hope	<i>wd</i>
early reply	<i>er</i>	I am sorry	<i>as</i>
<i>few</i> days	<i>f</i>	we are sorry	<i>wa</i>
<i>few</i> days ago	<i>fa</i>	I want	<i>aw</i>
<i>few</i> months	<i>fm</i>	you want	<i>uw</i>
<i>few</i> months ago	<i>fma</i>	we want	<i>wa</i>
<i>few</i> minutes	<i>fm</i>	if you want	<i>iw</i>
<i>few</i> minutes ago	<i>fma</i>	do you want	<i>dw</i>

OMISSION OF WORDS

82. The phrase *of the* may be omitted and its omission implied by writing the words it connects close together.

Your letter of the 4th time of the day P

end of the week — state of the market —

credit of the firm — list of the people —

83. The words *from* and *to* are omitted in such phrases as *from time to time*.

from time to time — from month to month —

from day to day — from year to year —

from week to week — from season to season —

84. The word *after* is omitted in such phrases as *day after day*, but the words are not joined.

time after time — week after week —

day after day PP month after month —

hour after hour — year after year —

85. The word *by* is omitted in such phrases as *day by day*, the last word being written a little below the first word.

day by day P line by line —

week by week — little by little —

86. The word *to* is omitted after the words *able, according, glad, like, order, please, reference, regard, regret, relative, respect, wish*.

able to say	C	in reference to the matter	Z
in respect to the	T	glad to see	—
in regard to the matter	—S	I regret to say	—D
in reference to the	Z	wish to say	Z

87. Any unimportant word may be omitted where the grammatical construction of the sentence would compel its restoration when transcribing.

in the world	—	some of them	—
here and there	—	week or two	—
more and more	—	son-in-law	—

GENERAL EXERCISE

to see	T	as near as	—
to ship	—T	as low as	—
to which	T	as soon as	—
to reach	Z	you have <i>been</i>	—
to like	—	there has been	—
to represent	Z	what has been	—
to sell	—	had been <i>able</i>	—

will not be able		day or two	
have you not been able		in a day or two	
I had been		in reply to your	
they had been		ought to receive	
I do not see		out of the question	
I do not know		in a week or two.	
we do not know		to-day or to- morrow	
I do not like		some of those	
I don't see		by the way	
there was not		hand in hand	
days ago		that is to say	
ten days ago		system of govern- ment	
for a few days		form of government	
I hope to hear		one of our	
I am sorry to say		one or two	
if you want any		one of the best	
particulars of the work		ought to be	
cheer after cheer		ought to have	
side by side		more or less	
on the question		one of the most	

SPECIAL BUSINESS PHRASES

(See Also Page 37)

Dear Sirs		Very respectfully	
Dear Mr.		Cordially yours	
My dear Sir		Very cordially yours	
Yours sincerely		I am in receipt	
Yours very sincerely		We are in receipt	
Very sincerely		I am in receipt of your favor	
Very sincerely yours		We are in receipt of your favor	
Sincerely yours		I am in receipt of your letter	

READING EXERCISE

O: o - i - u - C: ɔ

ɔ - e - ə - ɒ - ɒ - ɒ

ɪ - ʌ - ʊ - ʊ - ʊ - ʊ

ʊ - ɔ - ɒ - ɒ - ɒ - ɒ

ʌ - ʌ - ʌ - ʌ - ʌ - ʌ

→ 250 - 21 = 229
229 - 21 = 208
208 - 21 = 187
187 - 21 = 166

WRITING EXERCISE

1

Dear Madam:

We learn from your letter of May 10 that you are returning the books which we sent you a few months ago. You will be credited with these books when they reach us and the charge for them will be canceled. We are glad to know that you appreciate our courtesy in accepting their return. When you need anything more in our line, you will find us ever ready to serve you.

Very sincerely yours, (77)

2

Dear Sir:

We have your recent letter asking us to take advertising space in your newspaper. Our advertising plans for the next few months will not allow us to take any more newspaper space at this time. If you will bring this matter to our attention again in about three months, we may be able to arrange for a full page in the holiday issue to which you refer. (72)

Very cordially yours,

149

TWELFTH LESSON

OMISSION OF VOWELS

88. When two vowels not forming a pure diphthong come together, the minor or unaccented vowel may be omitted, and for convenience in writing many words the circle may be omitted in the diphthong *u*.

deity	ratio	royal	radius
/	l	o	o
due	tune	music	continue

89. In the body of a word short *u* and *ow* are omitted before *n*, *m*, *ng*, *nk*, *nt*, *nd*.

run	come	sun	round
u	—	—	—
found	rung	sunk	pungent

NOTES: (a) The short *u* is not omitted when it occurs between two horizontal straight strokes, as in *nun*, *numb*.

(b) The omission of *ow* between two horizontal straight strokes is indicated by the "jog" or broken line, as in *renown*, *announce*.

90. The vowel is omitted in the prefixes *be*, *de*, *re*, *dis*, *mis*.

beneath	depend	revise	distance
---------	--------	--------	----------

--	--	--	--

misgivings	begun	debar	disease
------------	-------	-------	---------

--	--	--	--

NOTES: (a) The vowel is retained when *de* precedes K, G, as in *decay*, *degrade*.

(b) The vowel is retained when *re* precedes the forward characters, K, G, R, L, N, M, T, D, as in *recast*, *regain*, *rewrite*, *relate*, *renown*, *remiss*, *retail*, *redound*.

91. The vowel is omitted in *per*, *pur*, *pro*, and in the termination *age*.

permit	pursuit	profound	profess
--------	---------	----------	---------

--	--	--	--

manage	message	cartage	bondage
--------	---------	---------	---------

--	--	--	--

NOTE: When *pro* occurs before an upward character or K — as in *protest*, *procrastinate* — it is more convenient to insert the vowel; when *per* occurs before an upward character — as in *perturb*, *pertain*, *perdition* — the reversing principle expresses R.

92. The vowels *ü*, *oo* are omitted after R or L when followed by Sh, Ch, J.

rush	flush	solution	drudge
------	-------	----------	--------

--	--	--	--

93. The vowel is omitted in the terminations *tition*, *tation*, *dition*, *dation*, *nition*, *nation*, *mission*, *mation*.

repetition	addition	ignition	omission
station	gradation	stagnation	formation
<hr/>			

GENERAL PRINCIPLES

94. While the omission of vowels in general is left to a very large extent to the judgment of the writer, the following suggestions will be of assistance:

(a) A vowel is often omitted between two reverse curves.

maker	struck	skill	scarce
attract	eager	secure	gulf

(b) A hook vowel is often omitted between T, D, R, L, and P, B.

stop	drop	Dublin	adoption

(c) A circle vowel is often omitted between P, B, and a horizontal or upward character.

pity	rapid	open	bad

OMISSION OF CONSONANTS

95. D is omitted when it immediately precedes M or V.

admit	administer	adverb	advocate

NOTE: In the words *admire*, *advise*, *advance*, coming under this rule, the initial vowel may be omitted. This enables the writer to form such useful phrases as *I admire*, *we admire*, *to advise*, *I advise*, *we advise*, *to advance*, *in advance*.

96. When slightly enunciated, T or D is omitted at the end of a word.

fact	best	detect	mind
defect	insist	resist	desist

97. The combination *ld* is expressed by raising the end of L.

old	field	killed	Arnold
building	bewilder	golden	Reynolds

GENERAL EXERCISE

arduous		astound		deserve	
genius		redound		debase	
genuine		moun- tainous		debate	
astute		surmount		decision	
musician		renounce		discharge	
virtue		announce		disarm	
theory		legion		discern	
museum		rejoice		distort	
harmonious		review		discard	
ceremonious		repent		misprint	
fun		respond		misquote	
lunch		replace		misguide	
column		reside		perhaps	
front		resort		permission	
brown		resource		promotion	
drown		begrudge		prolong	
sound		bequeath		propel	
surround		betray		provide	
foundry		beseech		proper	

TWELFTH LESSON

85

sausage		tradition		pithy	
dotage		foundation		apathy	
passage		ammunition		carpet	
damage		fascination		homeop- athy	
baggage		nomination		happen	
package		assassina- tion		facile	
average		determina- tion		normal	
crush		domination		formal	
blush		animation		vernal	
resolution		estimation		mental	
dissolution		occur		dental	
visitation		currency		mortal	
citation		sugar		actual	
dictation		career		mutual	
agitation		massacre		habitual	
ostentation		equal		perpetual	
hesitation		accuracy		amateur	
recitation		carbon		torture	
imitation		augur		picture	
edition		epithet		creature	

feature		extenuation		evident	
venture		attest		exact	
event		attestation		contact	
eventual		detest		consist	
adventure		detestation		persist	
failure		past		demand	
error		hardest		bold	
serious		deduct		child	
previous		resident		Leopold	
tuition		president		folder	

98. The following words coming under the rules given in this lesson are also useful illustrations of the Abbreviating Principle.

benefit		disturb		probable	
discuss		manufacture		progress	
distinct		misfortune		punctual	
distinguish		mistake		purchase	
disagree- ment		perfect		purpose	
disappoint- ment		person-al		respons-e ible	

NOTE: In *disagree*, *disappoint* and their derivatives, it is found convenient to write *d* for *dis*.

READING EXERCISE

W - T - S - T
W - C - T - F - E
L - C - O - R - U - M
L G S O P) B - A
G - T - C - A - Y
W - D - V - A - D - Y
W - D - C - O - D - Z -

WRITING EXERCISE

1. The theory was advanced that a solution of the bewildering mystery could be found only by following up every clue.
2. A special meeting was announced for the purpose of discussing the formation of a society for the benefit of the metal workers in the foundry.
3. Much damage was done to the baggage through rough handling and one package was entirely crushed.
4. Silence about the details of your office work is a virtue. The repetition of an innocent remark has often caused the failure of an important business deal.
5. The manager soon found there were profound misgivings about the outcome of the expedition.

THIRTEENTH LESSON

JOINED PREFIXES

99. Most of the joined prefixes are already familiar to the student. They are repeated at this time for the purpose of furnishing sufficient practice to eliminate hesitation in using them in actual work.

100. Al, expressed by *aw*; and Ul, by *u*.

almost	also	ultimo (ult.)	ulcer
<u>w</u>	<u>ə</u>	<u>v</u>	<u>ə</u>

101. Com, Con, Coun, Cog, expressed by *k*.

competition	confess	counsel	cognomen
<u>z</u>	<u>ɔ</u>	<u>e</u>	<u>m</u>

NOTES: (a) Before *t* or *d* the prefix form may express *can*.

cantaloupe	candidate	candor	candle
<u>æ</u>	<u>æ</u>	<u>æ</u>	<u>æ</u>

(b) When Com or Con is followed by a vowel or by *r* or *l*, write *km* for com and *kn* for con.

comedy	comrade	conic	Conroy
<u>æ</u>	<u>æ</u>	<u>æ</u>	<u>æ</u>

102. Em, Im, expressed by *m*; and En, In, Un, by *n*.

embers	imprint	enjoin	unjust
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*m**m**n**n*

103. (a) The prefix forms for *em*, *im*, *en*, *in*, *un* are used only when a consonant follows the prefix. When a vowel follows *em*, *im*, *en*, *in*, *un*, the initial vowel is written.

emit	innate	inner	inept
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*m**i**i**i*

enact	unequal	imagine	inaccessible
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*m**u**i**i*

(b) Negative words beginning with *im*, *un* are distinguished from the positive forms by the insertion of the initial vowel.

Positive

mortal	modest	known	necessary
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*m**m**m**m*

Negative

immortal	immodest	unknown	unnecessary
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*im**im**u**u*104. Ex. expressed by *es*; Aux and Ox, by *os*.

exceed	expel	auxiliary	oxygen
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*e**e**e**o*

105. For, Fore, Fur, expressed by f.

forgive

foresight

furnish

forearm

NOTE: When **For** or **Fore** is followed by a vowel, disjoin **f** and write the next character close to it, as in *forearm*. When **For** or **Fore** is followed by **r** or **l**, form an angle after **f**, as in *forerunner*, *furlong*, page 92.

106. Sub, expressed by s.

subdue

subpoena

submit

substance

NOTES: (a) Before R, L, Ch, J, or a hook, **s** is written contrary to rule to express **sub**.

sublime

subjoin

subway

subordinate

(b) When **Sub** is followed by a circle vowel, **s** is disjoined and the next character is written close to it.

subeditor

subagent

subhead

subequal

GENERAL EXERCISE

almanac

ulster

although

compel

ulterior

common

ultimate

comprehend

ultimatum

combine

THIRTEENTH LESSON

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commence	—	convene	2
commission	—	consul	2
commotion	—	conscious	3
commutation	—	cognate	26
comity	—	embrace	6
comatose	not	emperor	2
conceit	2	impartial	6
contest	—	imperfect	3
concur	—	impossible	2
concussion	—	impulse	2
conditionally	✓	impoverish	3
confirm	2	impression	4
consign	2	engine	2
confound	2	encourage	7
consolation	2	ensign	2
consolidation	2	enchant	2
consternation	2	infirm	2
conduce	✓	invent	2
consummate	26	invest	2
convince	2	investigate	2

unkind	—o	fortune	Y
uncouth	—w	forsake	Z
unlearned	—s	foreground	Zs
emerge	T	forerunner	Zs
emotion	—y	furlong	Z
inhabit	Tj	forenoon	Z
immersion	Tes	furnace	Zp
inaction	—o	further	Z
uneasy	—t	furthermore	Z
unnoticed	—el	furthest	Zs
expert	C	furtive	Y
excess	9	furniture	Z
exaggerate	9	forehead	Z
excite	2	foreordain	Zs
excursion	2s	subside	Z
exhaust	2	subsequent	Z
explosion	Cs	sublease	Zs
exhibit	C	suburb	Y
oxalic	E	subsist	Z
oxidize	g	subacid	Z

COMPOUND JOINED PREFIXES

107. Two or more simple prefixes may be joined to form compounds. A few compounds may be formed by joining *re*, *dis*, *mis*, or *non* to the prefix forms:

incontestable	~~~~~	inexpedient*	~~~~~
unconquerable	~~~~~	inexplicable*	~~~~~
unaccounted*	~~~	excommunicate	~~~~~
incognito	~~~	inconvenient	~~~~~
incandescent	~~~~~	inconsistent	~~~~~
unimpaired*	~~~~~	disconcert	~~~~~
uninitiated*	~~~~~	discontinue	~~~~~
inexpensive*	~~~~~	preconcerted	~~~~~
insubordinate	~~~~~	misconduct	~~~~~
inform	~~~~~	recompense	~~~~~
conform	~~~~~	reconcile	~~~~~
comfort	~~~~~	recognize	~~~~~
unfortunate	~~~~~	recommend	~~~~~
unforeseen	~~~~~	noncontent	~~~~~
encompass	~~~~~	subconscious	~~~~~

*The initial vowel is not required because the word begins with a compound prefix.

PREFIXAL ABBREVIATIONS

108. The following are useful abbreviations under rules given in this and in previous lessons:

accomplish	?	economy	—
afford	?	effort	?
already	—	enable*	—
altogether	—	unable*	—
command	—	energy	—
commerce	—	excel-lent lence	—
commercial	—	except	—
committee	—	exchange	—
communicat-e ion	—	exercise	—
compare	?	expect	—
complete	?	explain	—
conclude	—	express	—
conclusion	—	force)
confiden-t ce	?	indeed	/
congress	—	independen-t ce	—
connect	—	individual	—
country	—	subject	—

*See suffix *able*, page 109.

READING EXERCISE

For a long time
he had been
working hard
and saving
money for his
son's education.

WRITING EXERCISE

1. "The world will little note nor long remember what we say here, but it can never forget what they did here."
2. It needs no prophet to tell us that those who live up to their means without any thought of a reverse in life can never attain pecuniary independence.
3. To the cost of manufacturing and shipping add the profit of the manufacturer and that of the shipper—these items make up the price paid by the ultimate purchaser.

FOURTEENTH LESSON

THE TR PRINCIPLE

109. Certain prefixes or letters are disjoined to express *tr* and a following vowel. The prefix is placed above the line and very close to the remainder of the word, which rests on the line of writing.

Contr- (or <i>counter</i>)	—	contract	—	counteract	—
Constr-	—	construct	—	constraint	—
Extr- Excl- (or <i>exter</i>)	,	extract	,	exclamation	—
Intr- (or <i>inter, en- ter, intel</i>)	—	intricate	—	intellect	—
Instr-	—	instruct	—	instrument	—
Retr-	—	retract	—	retrograde	—
Restr-	—	restrict	—	restraint	—
Detr-	—	detract	—	detriment	—
Distr-	—	distract	—	distribute	—
Electr- (or <i>electric</i>)	—	electric	—	electric car	—
Alter	—	altercate	—	alternative	—
Ultra	—	ultra-violet	—	ultramarine	—

FOURTEENTH LESSON

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Centr-		central		centralize	
Later		lateral		latter-day	
Letter, Liter		literary		literal	
Matr- (or <i>mater</i>)		matri- mony		material	
Metr-		metric		metropolis	
Nitr-		nitrate		nitrogen	
Nutr-		neutral		nutrition	
Patr- (or <i>pater</i>)		patriot		paternal	
Petr- (or <i>petter</i>)		petrol		petrify	
Austr-, ostr-		Australia		ostracism	

NOTE: This principle may be extended to *abstr-*, etc., *obstr-*, the *s* being omitted:

abstract

abstruse

obstruct

obstreperous

GENERAL EXERCISE

contraction		contravene	
control		contrivance	
contribute		counterfeit	
contradict		countermind	
contraband		construction	
contrary		extravagant	
contrast		extremely	

extradition		retrieve	
extraneous		retrospect	
extraordinary		retraction	
external		retribution	
exclude		restrain	
exclusive		restriction	
internal		deterioration	
interest		distraction	
introduce		distress	
intervene		distrust	
intelligent		electricity	
intelligence		electrician	
entertain		electrotype	
enterprise		electric light	
international		alteration	
interpret		alternation	
intersect		centrifugal	
interrupt		literature	
interview		liturgy	
instruction		letterpress	

FOURTEENTH LESSON

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maternal	<u>p</u>	pattern
metropolitan	<u>p</u>	patron
nitric	<u>p</u>	petroleum
nutriment	<u>p</u>	Austria
patrician	<u>p</u>	ostrich

COMPOUND DISJOINED PREFIXES

110. Some very useful compounds are obtained by joining simple syllables, such as *un*, *in*, *dis*, *re*, *non*, to disjoined prefixes.

uncontradicted	<u>U</u>	unconstrained	<u>C</u>
uncontrolled	<u>U</u>	inextricable	<u>I</u>
incontrovertible	<u>I</u>	uninteresting	<u>I</u>
unrestrained	<u>R</u>	reconstruction	<u>R</u>
redistribute	<u>R</u>	misinterpret	<u>M</u>
disinterested	<u>D</u>	illiterate	<u>I</u>
uninterrupted	<u>U</u>	eccentric	<u>E</u>
unintelligent	<u>O</u>	concentration	<u>C</u>
unintellectual	<u>I</u>	nonintervention	<u>N</u>
indestructible	<u>I</u>	unalterable	<u>A</u>
immaterial	<u>P</u>	compatriot	<u>C</u>

DERIVATIVES OF WORDS ENDING IN CT

111. In forming the derivatives of words ending in *ct*, as *contract*, it is not necessary to disjoin to express *ed*, *or*, *er*, or *ive*. The *t* is omitted in the primitive form (under the rule given in Par. 96), and also its derivatives.

contracted	2	restrictive	5
contractor	2	unretracted	5
contractive	3	detracted	1
constructed	2	active	2
constructor	2	effected	2
constructive	3	effective	3
instructed	2	affected	2
instructor	2	defective	3
instructive	3	detected	3
extracted	2	detective	2

READING EXERCISE

1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 -
 1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 -
 1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 -
 1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 -

— 1) o J t w u L.
— — 7 f , 7 4 . 8 L.
, 6 C e i - 1 C . - 1
J 2 6 E , J o J i n
9) s o - o) , J i n .
— J o n , o r i n .
J m - - l - w J
o o , f - 3 n .

WRITING EXERCISE

1. The enterprise is international in its appeal and should be of extraordinary interest to the intelligent people of every land.
2. At the close of the interview the president countersigned the order for new electric motors to equip all the high power machines.
3. We do not interpret the contract as permitting our customers to countermend their orders.
4. The international society will not intervene to restrict the working of the new extradition laws.
5. The trust will contribute a fund for the distribution of literature on the interpretation and construction of the laws regarding restraint of trade.

FIFTEENTH LESSON

DISJOINED PREFIXES—CONTINUED

112. **Aggra-e-i**, expressed by loop *a*; and **Anta-e-i**, by circle *a*.

aggravate

aggregate

antagonist

antipathy

113. **Incli-e-u**, expressed by *i* (small circle).

incline

inclemency

include

inclusive

114. **Decla-i**, expressed by *de*; and **Recla-i**, by *re*.

declare

decline

reclaim

recline

NOTE: On account of the distinctive character of the form, **Decla-i** may be expressed without disjoining; thus

declare

decline

declaration

declaim

115. **Hydra-o**, expressed by *i* (diphthong *i*).

hydrant

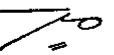
hydraulic

hydropathy

hydrophobia

116. Magna-e-i (or **Mc**), expressed by *m*; and **Multi**, by *mu*.

magnanimous magnificent McDonagh multiform

NOTE: When a distinction is required between **Mc** and **Mac**, write the stroke double length for **Mac**.

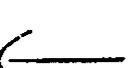
117. Over, expressed by *o*; and **Under**, by *u*.

overdue overthrow understand underneath

118. Para, expressed by *p*; and **Post**, by *p* (on the line, close to the next character).

parasite parallel postman postal

119. Self, Circu-m, expressed by *s* (to the left).

selfish self-esteem circulation circumvent

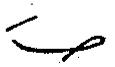
120. Super, Supre, expressed by *s* ("comma S").

superlative supreme superficial supervise

121. Short or Ship, expressed by *sh*; and Trans, by *t*.

shorthand shipwreck transaction translation

122. Suspi, Suspe, Suscep, expressed by ses.

suspicion	suspend	susceptible	suspect
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S	S	S	S
---	---	---	---

GENERAL EXERCISE

aggrieve	S	hydrogen	S
aggregation	S	hydrocarbon	S
agriculture	S	magnet	S
aggression	S	magnesia	S
aggressive	S	magnify	S
antidote	S	McKenzie	S
anticipate	S	MacIntosh	S
antecedent	S	McDougall	S
antediluvian	S	multitude	S
antithesis	S	multiply	S
declamation	S	overtake	S
declined	S	overbalance	S
reclined	S	overcharge	S
inclined	S	overlook	S
inclination	S	overcome	S
inclusion	S	overestimate	S

underscore		circumstance	
undertake		superabundant	
underwrite		supercilious	
undercurrent		superfine	
paramount		supremacy	
paraphrase		superfluous	
paragraph		superior	
paradise		superintend	
paragon		suppress	
parapet		superb	
postage		shortcomings	
postpone		shipshape	
post-office		suspension	
postal card		suspend	
self-evident		transfer	
self-conscious		transition	
self-sufficient		transitory	
self-improvement		transformation	
circular		transcend	
circumference		transport	

COMPOUND DISJOINED PREFIXES

untransacted		untransferable	
untransparent		self-control	
untranslatable		self-contradiction	
disinclination		unsuspected	
self-interest		unsuspicious	
unselfish		unsusceptible	
unparalleled		electromagnet	

123. The words *misunderstand* and *misunderstood* are expressed by *stand* and *stood* placed under *mis*, with *mis* placed on the line of writing. This is extended to *understand* and *understood* when preceded by a pronoun, a wordsign or a short phrase form.

misunderstand		I do not understand	
misunderstood		I cannot understand	
we understood		thoroughly understood	

124. The words *extra*, *enter*, *over*, *under*, *short*, *alter*, *center*, *counter*, *construe*, *agree*, *deter*, are expressed by the prefixal forms placed over the next word.

extra discount		center rail	
enter into		counter claim	

over the	1	alter this	3
under any	2	construe the	2
short time	1	Senator Cummings	4

READING EXERCISE

1. T. B. C. S.
2. T. C. S.
3. T. C. S.
4. T. C. S.
5. T. C. S.
6. T. C. S.
7. T. C. S.
8. T. C. S.

on w p, 2 o { 7 - - -
so v v 2 03 . 6 7 -
C U T & D a v u s n e
1 , - - - - - - - - -
F a - - - - - - - - -

WRITING EXERCISE

1. Self-knowledge, self-reverence, self-control, these three alone lead men to supreme power.—*Emerson.*
2. It was our understanding that Doctor MacChesney was to translate that discussion on the transplanting of magnolia trees for the next issue of the Agricultural Review.
3. The extra discount allowed on the bill for goods purchased at the regular counter was not according to the new contract in which we agree to make a special price only on sales amounting to more than \$200.
4. The circulation of the magazine is over fifty thousand without taking into account the extra copies sent out as exchanges.
5. It was self-evident that coal would be recognized as a contraband of war.
6. There was a general suspicion that his antagonist was a man of great intelligence and magnetism.
7. This system of shorthand is the very antithesis of the antiquated methods, and it is easy to demonstrate that it is vastly superior to any of them because there is a superabundance of evidence in its favor.

SIXTEENTH LESSON

JOINED SUFFIXES

125. Able, Ible, Ble, expressed by *b*; and Ple, by *p*.

notable audible noble ample

t *t* *t* *t*

126. Ccribe, expressed by *kr*; and Cription, by *kr-shun*.

describe description prescribe prescription

k *k* *k* *k*

127. Flect, Flict, expressed by *fl*; and Flection, Fliction, by *fl-shun*.

afflict affliction reflect reflection

f *f* *f* *f*

128. Ful, expressed by *f*; Less, by *l*; Ment, by *m*; and Ness, by *n*.

thoughtful artless amusement lateness

f *a* *am* *lat*

NOTES: (a) When *ment* is preceded by a vowel, it is generally advisable to write the word in full.

cement raiment lament foment

em *raim* *lam* *fom*

(b) Where the root word is abbreviated to one character, *ness* is written in full, as in the word *goodness*, which is written *g-n-e-s*. If the primitive word, although a word-sign, is more fully suggested, the suffix form is used.

fullness	littleness	gladness	friendless

(c) An angle is formed in joining *ness* where the absence of an angle would give the form of a different word.

hardness	sadness	madness	lowness
harden	sadden	madden	loan

129. Pose, expressed by *po*; Position, by *po-shun*; Pute, by *pu*; and Putation, by *pu-shun*.

impose	imposition	impute	imputation

130. Pire, expressed by *pi*; and Quire, by *ki*.

aspire	inspire	conspire	respire
acquire	inquire	require	esquire

131. Quest, expressed by *kes*; and Quisite, by *kest*.

request	conquest	requisite	exquisite

132. Self, expressed by *s*; and Selves, by *ses*.

himself	yourself	themselves	ourselves
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<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
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133. Sult, expressed by *su*; and Sume, by *sm*.

result	insult	assume	resume
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<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>
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134. Sure, expressed by *shu*; and Jure, by *ju*.

assure	measure	injure	perjure
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<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>
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135. Tion, Sion (*shun*); Tient, Cient, by *shun-t*; and Ciency, by *shun-si*.

passion	patient	ancient	efficiency
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<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>
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136. Worth; expressed by *uth*; and Worthy, by *thi*.

Harmsworth	Ainsworth	praiseworthy	trustworthy
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<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>
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GENERAL EXERCISE

suitable	<u>21</u>	eatable	<u>22</u>
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peaceable	<u>23</u>	irritable	<u>24</u>
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horrible	<u>25</u>	payable	<u>26</u>
----------	-----------	---------	-----------

salable	<u>27</u>	humble	<u>28</u>
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nimble		simple	
readable		transcribe	
seasonable		transcription	
admissible		inscribe	
admirable		inscription	
laudable		conflict	
assignable		confliction	
attainable		inflict	
terrible		infliction	
pliable		handful	
interminable		bashful	
tangible		useful	
formidable		watchful	
incomparable		wonderful	
endurable		successful	
traceable		aimless	
credible		fearless	
trouble		homeless	
sample		breathless	
example		thoughtless	

SIXTEENTH LESSON

113

wireless	<u>a</u>	propose	<u>E</u>
moment	<u>em</u>	proposition	<u>E</u>
defacement	<u>d</u>	proposal	<u>E</u>
ornament	<u>or</u>	depose	<u>E</u>
augment	<u>a</u>	deposition	<u>A</u>
achievement	<u>ai</u>	dispose	<u>A</u>
appointment	<u>ap</u>	disposition	<u>A</u>
experiment	<u>e</u>	disposal	<u>A</u>
investment	<u>i</u>	decompose	<u>A</u>
comment	<u>em</u>	repute	<u>T</u>
barenness	<u>bare</u>	reputation	<u>T</u>
rudeness	<u>rud</u>	compute	<u>T</u>
fairness	<u>far</u>	computation	<u>T</u>
slowness	<u>slow</u>	depute	<u>T</u>
expose	<u>exp</u>	deputation	<u>A</u>
exposition	<u>exp</u>	dispute	<u>A</u>
suppose	<u>sup</u>	disputation	<u>A</u>
supposition	<u>sup</u>	transpire	<u>B</u>
oppose	<u>op</u>	expire	<u>B</u>
opposition	<u>op</u>	myself	<u>-P</u>

yourselves	?	conjure	7
consult	7	efficient	7
desultory	16	deficient	7
consume	7	deficiency	7
leisure	7	proficient	7
treasure	7	proficiency	7
censure	7	Ellsworth	7
pressure	7	blameworthy	7
adjure	7	noteworthy	7

COMPOUND JOINED SUFFIXES

feebleness	7	fearlessness	7
hopefulness	7	breathlessness	7
thoughtfulness	7	hopelessness	7
playfulness	7	fearlessly	7
carefulness	7	hopelessly	7
hopefully	7	impatiently	7
thoughtfully	7	actionable	7
playfully	7	fashionable	7
heedlessness	7	missionary	7
thoughtlessness	7	consultation	7

indescribable	<u>1</u>	momentary	<u>—</u>
measurable	<u>2</u>	supplementary	<u>E</u>
immeasurable	<u>3</u>	elementary	<u>e</u>
requirement	<u>4</u>	complimentary	<u>Z</u>
acquirement	<u>5</u>	trustworthiness	<u>oo</u>

READING EXERCISE

2 3 9 - 6 8 1 - 6 2 -
 - 2 1 9 / 1 3 2 6 7
 9 - 6 0 3 0 0 0 0 0 0
 . - 2 2 4 2 4 . 6
 4 5 1 1 1 1 1 1 1
 7 4 1 7 0 0 0 0 9
 6 8 - - 1 1 - 1 0 0 - 7
 9 5 2 0 0 - 3 6 2 2 2
 1 6 9 1 1 1 1 1 1 1

a. 9. 6 2 1 0 - 2 5
E m - o - g - o -
— 7 - 1 3 1 3 h.
? g - m - o - s e.
- a n - f - 6 - - o -
t - e - t - e n ? - e n
f - 6 - - e n - e n -

WRITING EXERCISE

1. His reading was desultory and therefore without result.
2. The achievement is so remarkable that it is almost incredible, but the truth of the report is vouched for by several reliable people.
3. After careful investigation they came to a decision that the additional loans would be too large an investment for the company to undertake with the capital at its disposal at that time.
4. The shorthand notes are legible, but the transcription is not acceptable because of the lack of neatness in the work.
5. The missionary underwent indescribable torture with a fearlessness which evoked the admiration of the savages.
6. The contribution is praiseworthy for its direct treatment of the subject, but it is not suitable for use in our publication and we are therefore returning it to you.

SEVENTEENTH LESSON

DISJOINED SUFFIXES

137. **In**gly, expressed by *ly*, placed in the *ing* position;
Ington, expressed by *ton*, placed in the *ing* position;
Ingham, expressed by *m*, placed in the *ing* position.

knowingly	Washington	Kensington	Dillingham

138. **Bil**ity, expressed by *b*; **I**fication, by *f*; **Gram**,
Grim, by *g*; **Mental**, **Mentality**, by *m*; **Ship**, by *sh*.

ability	feasibility	specification	monogram
experimental	fundamental	partnership	ownership

NOTES: (a) After *t* and *d*, *ification* may be joined, as the absence of the blend clearly shows that *f* is a suffix sign.

modification	notification	edification	ratification

(b) In many words *ship* may be joined.

friendship	workmanship	hardship	authorship

139. Hood or Ward, expressed by *d*.

childhood

likelihood

homeward

downward

NOTE: In many words *ward* may be joined.

forward

afterwards

towards

backward

140. Acle, Ical, Icle, expressed by *k*.

tentacle

medical

classical

chronicle

141. Itis, expressed by *ts*.

appendicitis

meningitis

peritonitis

tonsillitis

142. Ulate, expressed by *u*. In forming derivatives, the other letters are added.

modulate

modulated

insulate

insulator

insulation

formulate

emulate

emulative

NOTE: In most words *ulate* and its derivatives may be joined with perfect safety.

speculated

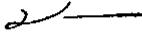
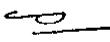
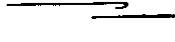
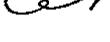
speculation

speculator

speculative

GENERAL EXERCISE

willingly	—o	nobility	—y
appallingly	—o	sensibility	—y
strikingly	no	advisability	—y
meaningly	—oo	legibility	—y
soothingly	—o	desirability	—y
warningly	—o	affability	—y
pleadingly	—oo	qualification	—y
cheerfully	b	gratification	—y
longingly	—o	signification	—y
exceedingly	—o	classification	—y
grudgingly	—y	mortification	—y
Millington	—y	indemnification	—y
Farmington	b—y	identification	—y
Warrington	—y	certification	—y
Wellington	—y	lettergram	—y
Harrington	—y	phraseogram	—y
Rockingham	—y	epigram	—y
Cunningham	—y	cablegram	—y
plausibility	—y	pilgrim	—y

anagram		livelihood	
sentimental		knighthood	
ornamental		statehood	
monumental		onward	
clerkship		upward	
apprenticeship		northward	
airship		southward	
township		eastward	
steamship		westward	
kinship		awkward	
warship		reward	
worship		article	
womanhood		clerical	
manhood		physical	
girlhood		psychical	
boyhood		musical	
hardihood		icicle	
motherhood		radical	
brotherhood		technical	
neighborhood		cuticle	

ethical		manipulation	
magical		populated	
nautical		articulate	
bicycle		articulation	
periodical		inarticulate	
gastritis		formulated	
stimulate		adulation	
stimulated		expostulate	
stipulate		regulate	
stipulation		matriculate	
cumulative		perambulate	
manipulate		speculate	

READING EXERCISE

a i t n e u v o o
 g z i — s o m a c e
 2 v — w) e n d z
 t i - s o u — b l
 g w u y t ' s f - ,

“L. n. y”, or
2. n. m. v d o. a
o d' g. t. d. \overline{g}),
l f c n t e, u \overline{d} g n
- v i q / R f - g
· y 2 - s - g .

WRITING EXERCISE

1. The classification and identification of the candidates proved to be an exceedingly difficult task.
 2. If you have the essential educational qualifications, we can easily arrange for the certification.
 3. The technical nature of the matter makes the work of the medical reporter very difficult.
 4. An article on psychical research appeared in a recent issue of the periodical.
 5. Every girl, when she reaches womanhood, should be prepared to earn her own livelihood even though there is no likelihood of her being called upon to do so.
 6. You may matriculate in the college when you receive a notification of your eligibility.
 7. The articles of co-partnership were drawn up according to the specifications.
 8. The law stipulated that the statement of ownership should be published every six months.

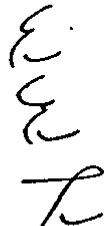
EIGHTEENTH LESSON

DISJOINED SUFFIXES—CONTINUED

143. -Rity, -Lity, -City, -Vity, -Nity, -Mity, with or without a preceding vowel, expressed by *r*, *l*, *s*, *v*, *nt*, *mt*, respectively.

Arity, Etc.

popularity



prosperity



majority



Avity, Etc.

depravity



nativity



brevity



Ality, Etc.

brutality



utility



frivolity



Anity, Etc.

urbanity



trinity

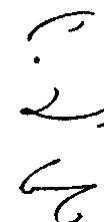


affinity



Acity, Etc.

tenacity



felicity



pomposity



Amity, Etc.

calamity



sublimity



proximity



NOTE: In words ending with *er**nity*, the reversed circle is used to express *er* before the suffix sign:

fraternity

eternity

taciturnity

144. -Stic, with a preceding vowel, expressed by *st*.

elastic

domestic

artistic

atheistic

145. -Tic, with a preceding vowel, expressed by large circle; -Tical, with a preceding vowel, expressed by a loop. In forming derivatives, the other letters are added.

politic

politics

energetic

energetically

hypnotic

systematic

systematical

systematically

NOTE: In many cases the *loop* may be joined.

political

theoretical

grammatical

automatical

146. -Ntic, with a preceding vowel, expressed by *n*. In forming derivatives, the other letters are added.

gigantic

authentic

frantic

frantically

147. Egraph, Igraph, expressed by *small circle* placed over the last character. A *loop* expresses *egraphy, igraphy*. In forming derivatives, the other letters are added.

telegraph	calligraph	telegraphy	telegrapher

148. Ograph, expressed by *o*. In forming derivatives the other letters are added.

lithograph	autograph	photograph	phonograph
lithography	lithographer	lithographic	typography

NOTE: In most words *ograph* and its derivatives may be joined:

photography	stenography	stenographer	phonographer

149. -Logy, -Logical, with a preceding vowel, expressed by *o* (on its side, as in writing *ol*). The letter *e* is added to express *-logically*, *s* to express *-logist*, *n* to express *-logian*.

analogy	genealogically	geologist	pathologist
theology	theologically	theologist	theologian

GENERAL EXERCISE

singularity		technicality	
solidarity		vitality	
hilarity		mortality	
regularity		morality	
familiarity		fidelity	
sincerity		docility	
temerity		versatility	
priority		facility	
minority		futility	
authority		garrulity	
futurity		incredulity	
security		capacity	
alacrity		mendacity	
integrity		veracity	
reality		loquacity	
nationality		complicity	
rascality		publicity	
punctuality		elasticity	
criminality		passivity	

vicinity		romantically	
divinity		Atlantic	
femininity		calligraphy	
humanity		telegraphic	
Christianity		photographic	
extremity		photographer	
dignity		phonography	
journalistic		stenographic	
majestic		autographed	
statistics		biography	
automatic		mimeograph	
erratic		geography	
critic		geographical	
critical		hectograph	
critically		physiological	
pneumatic		physiologically	
phonetic		psychological	
despotic		biology	
theoretically		ornithology	
romantic		chronological	

doxology		entomologist	
tautology		phrenologist	
analogically		mythology	
entomology		philology	

READING EXERCISE

-

 -

200.000.000.
2%
- 1376
- 625.000.
27.000.
- 100.

WRITING EXERCISE

1. The importance of punctuality and veracity cannot be overestimated.
2. Tenacity of purpose and fidelity to the interests of the business were qualities which led to his rapid advancement.
3. In making a mimeographed copy of the tabulated report be sure to arrange the statistics in chronological order.
4. The professor of biology sent me an autograph copy of his book.
5. A knowledge of phonetics is an aid to the student of phonography.
6. In the capacity of athletic director the instructor of stenography showed great business ability.
7. We do not question his veracity, but it is necessary for him to go through the formality of filing a bond for security.
8. The stenographer should have a thorough familiarity with the spelling of important geographical names.

NINETEENTH LESSON

ADVANCED PHRASE WRITING

150. Omission of Words. The rules for the omission of words in phrase writing are of great importance, and should be carefully studied. We now give a few more illustrations.

in order to judge	✓	for the time being	✓
in order to prepare	✓	I would like to know	✓
in order to see	✓	I would like to have	✓
on the subject	✓	I am of the opinion	✓
question of time	✓	kindly let us know	✓
sooner or later	✓	bill of particulars	✓
little or no	✓	thank you for your attention	✓
little or nothing	✓	do you mean to say	✓
in the matter	✓	in such a manner	✓
on the market	✓	on account of the way	✓
up to the time	✓	some time or other	✓

151. Intersection. The expedient known as intersection, or the writing of one character through another, is sometimes useful for special phrases. In applying this expedient the writer must rely very largely upon his own judgment. In his daily work as stenographer or reporter, he may find some terms peculiar to the business in which he is engaged occurring so frequently that special forms may be adopted for them which will be brief and yet absolutely distinctive. Very often the intersection of one character through another will meet the exigency. The following are useful examples:

A. D.	o	Democratic party	t
A. M.	o	Republican party	t
P. M.	t	Progressive party	t
C. O. D.	o	political party	t
price list	t	Baltimore & Ohio (B. & O.)	t
list price	t	New York Central	t
selling price	t	Michigan Central	t
market price	t	Illinois Central	t
Chamber of Commerce	t	Union Pacific	t
Board of Trade	t	Canadian Pacific	t
Board of Education	t	Northern Pacific	t
Board of Managers	t	Grand Trunk	t

General Manager		inclosed blank	
Assistant General Manager		application blank	
endowment policy		order blank	
indemnity policy		Great Britain	
bank draft		bond and mortgage	
vice versa		Associated Press	

152. Indication of "Ing." *Ing-the, ing-that, ing-you, ing-your, ing-his, ing-their, ing-and, ing-this, ing-us,* is expressed by writing the word following *ing* in the *ing* position—just as *ington* is expressed by writing *ton* in the *ing* position.

doing the		knowing the	
doing his		knowing their	
doing your		knowing this	
doing their		working and	
doing this		having the	
giving the		having their	
giving their		having your	
giving you		coming and	
giving us		seeing this	
mailing you		wishing that	

153. Modification of Word Forms. As previously explained, the forms for certain words are modified to permit of phrase writing. The following are useful illustrations:

Week		Possible
past week		as soon as possible
last week		as near as possible
this week		least possible delay
next week		• Early
for the past week		at as early a date as possible
for last week		at your early convenience
for this week		at your earliest convenience
for next week		at your earliest possible convenience
Few		Sorry
for a few weeks		I am sorry to hear
for a few months		I am sorry to learn
few weeks ago		we are sorry to hear
few hours ago		we are sorry to report
Ago		we are sorry to say
year or two ago		I am very sorry
many years ago		you will be sorry

Esteemed

esteemed favor

you're esteemed favor

esteemed letter

your esteemed letter

I am in receipt of
your esteemed
letterI am in receipt of
your esteemed
favorwe are in receipt of
your esteemed
favorwe are in receipt of
your esteemed
letter

by this day's mail

by return mail

by mail

by same mail

by early mail

Course

of course

of course it is

as a matter of
course**Fact**

as a matter of fact

call your attention
to the fact

in point of fact

you are aware of
the factI am aware of the
fact

well-known fact

Beg

I beg to acknowledge receipt

I beg to inclose

I beg to thank you

we beg to acknowledge

we beg to acknowledge receipt

Sure

be sure

to be sure

you may be sure

Mail

by this mail

by to-day's mail

we are sure		Account	
you will be sure		on account of that	
Please		on account of this	
please find inclosed		on account of my	
inclosed please find		on account of the fact	
please let us hear from you		Thank	
I would be pleased		thanking you for	
we will be pleased		thanking you for your attention	
Present		thanking you for your kind attention	
present time		thanking you for your favor	
at the present time		thanking you for your letter	
at the present moment		I desire to thank you	
on the present occasion		I have to thank you for	
Class		Order	
first-class		your order	
first-class manner		we have your order	
first-class condition		thanking you for your order	
Again		City	
over and over again		city of Chicago	
again and again		city of Boston	

Department		Company
treasury department	✓	and company
war department	✓	railroad company
navy department	✓	express company
post-office department	✓	insurance company
state department	✓	transportation company
police department	✓	telephone company
fire department	✓	electric company
legal department	✓	electrical company
inquiry department	✓	trust company
credit department	✓	Us
shoe department	✓	to us
furniture department	✓	write us
purchasing department	✓	please write us
shipping department	✓	please wire us
mail order department	✓	kindly give us
Avenue		Holder
Washington Avenue	✓	stockholder
Wabash Avenue	✓	shareholder
Massachusetts Avenue	✓	policyholder

READING EXERCISE

1. Best fit - all
with a 6% error.
- 2. Very good
at 12-13% error
+ 2%, 3%, 6%, 9%.
3. -6% error overall
but some 3% error
4. 2% error - 3%
error overall + 2%
5. about 3% error
- 7% error overall
6. about 3% error
- 9% error overall
7. about 3% error

and a "6-0" - ch.
9. — — — it do -
on the coronary -
stab.

WRITING EXERCISE

1. Gentlemen: As requested we are sending you a copy of our price list giving illustrations and full descriptions of all the articles we now handle. If you are in the market for anything in our line we should like to have our representative call on you with samples.

2. Dear Sir: A few days ago we received a letter from you in which you asked us to furnish you with information about a firm in this city. We are sorry to report that this firm has never done business with us and that therefore we have no data in our files about it. We have heard again and again that these people are doing a good business and so far as we know their affairs are in first-class condition at the present time. We regret to state that we cannot give you further details.

Yours very truly, (99)

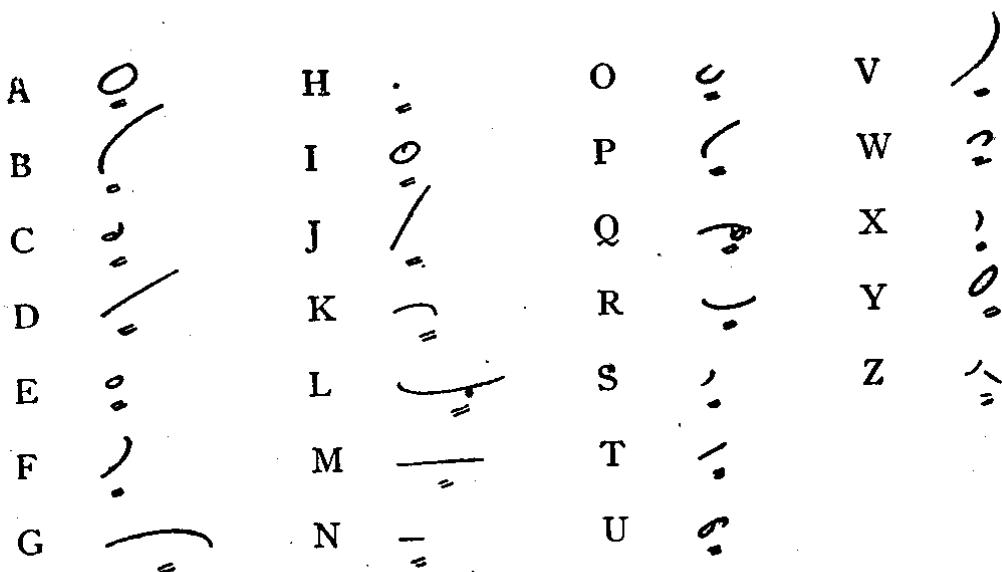
3. Gentlemen: Thank you for the order which has just been received. This order will be filled immediately with the exception of the second item. As our supply of this article is completely exhausted we shall be unable to ship for a few days. We trust that this arrangement will be entirely satisfactory to you and that you will not be inconvenienced by the delay.

Assuring you of our prompt attention at all times, we are

Very respectfully yours, (78)
243

TWENTIETH LESSON

INITIALS



154. It should be borne in mind that there is no context to initials. They should therefore be written with unusual care. Many writers prefer to write initials in longhand, and if this is done a great saving in time may be effected by writing them in small letters and joining the letters, thus:

A. B. Smith

ab

C. D. Brown

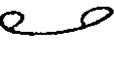
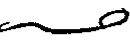
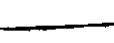
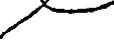
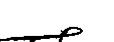
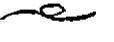
cd

E. F. Jones

ef

STATES AND TERRITORIES

(The contractions used are those adopted by the Post-Office Department.)

Ala.		Ky.		Ohio	
Alaska		La.		Okla.	
Ariz.		Me.		Oreg.	
Ark.		Md.		Pa.	
Calif.		Mass.		P. I.	
Colo.		Mich.		P. R.	
Conn.		Minn.		R. I.	
Del.		Miss.		S. C.	
D. C.		Mo.		S. Dak.	
Fla.		Mont.		Tenn.	
Ga.		Nebr.		Tex.	
Guam		Nev.		Utah	
Hawaii		N. H.		Vt.	
Idaho		N. J.		Va.	
Ill.		N. Mex.		Wash.	
Ind.		N. Y.		W. Va.	
Iowa		N. C.		Wis.	
Kans.		N. Dak.		Wyo.	

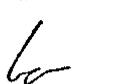
PRINCIPAL CITIES

New York	—	Jersey City	/	Memphis	7
Chicago	L	Kansas City	3	Scranton	var
Philadelphia	L	Seattle	2	Richmond	7
St. Louis	w	Indianapolis	9	Paterson	2
Boston	G	Providence	G.	Omaha	2
Cleveland	Z	Louisville	Z	Fall River	96
Baltimore	Z	Rochester	Z	Dayton	
Pittsburgh	G	St. Paul	Z	Grand Rapids	7
Detroit	G	Denver	Z	Nashville	3
Buffalo	Z	Portland	Z	Lowell	2
San Francisco	Z	Columbus	—	Cambridge	27
Milwaukee	—	Toledo	—	Spokane	2
Cincinnati	L	Atlanta	o	Bridgeport	2
Newark	—	Oakland	—	Albany	2
New Orleans	—	Worcester	3	Hartford	2
Washington	3	Syracuse	—	Trenton	var
Los Angeles	—	New Haven	Z	New Bedford	7
Minneapolis	—	Birmingham	Z	San Antonio	2

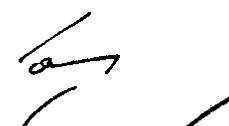
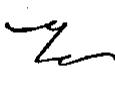
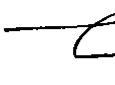
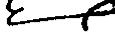
155. The terminations *burg*, *ville*, *field*, *port* may generally be expressed by the first letter, joined or disjoined as convenient; and *ford*, by *fd*.

Harrisburg		Evansville		Williamsport	
Fitchburg		Knoxville		Oxford	
Danville		Springfield		Rockford	
Zanesville		Davenport		Hanford	
Jacksonville		Newport		Milford	

156. A clear distinction should be made between *ton* and *town*.

Johnston		Johnstown		Charleston		Charlestown	
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157. The names of cities and states may often be joined.

Buffalo, N. Y.		Detroit, Mich.	
Rochester, N. Y.		Baltimore, Md.	
St. Louis, Mo.		Chicago, Ill.	
Minneapolis, Minn.		Denver, Colo.	
St. Paul, Minn.		Memphis, Tenn.	
Washington, D. C.		Omaha, Nebr.	
Boston, Mass.		Louisville, Ky.	

158. When the words "State of" precede the name of a state, omit *of* and join the words, if convenient.

State of New York ✓

State of Massachusetts ✓

State of Nebraska ✓

State of Pennsylvania ✓

State of Illinois ✓

State of Louisiana ✓

POINTS OF THE COMPASS, ETC.

159. In certain lines of business the following forms will be found very useful.

north	✓	northeast	✓
south	✗	southeast	✗
east	✗	northwestern	✗
west	✗	southwestern	✗
northern	✓	northeastern	✓
southern	✗	southeastern	✗
eastern	✗	northwest quarter	✗
western	✗	southwest quarter	✗
northwest	✗	northeast quarter	✗
southwest	✗	southeast quarter	✗

GENERAL RULES

160. When the distinctive appearance of the primitive word-form can be preserved, it is allowable to join to form the derivatives.

favorable	careless	nameless
fable	kill	nail

161. If it should be found desirable to indicate with precision the short sound of any vowel, a small curve can be placed beneath the vowel.

minion	immigrate	onion	writ

NOTE: This expedient is seldom necessary. It is useful, occasionally, to make a clear distinction between words like *return* and *writ*, *emigrate* and *immigrate*, and between the diphthong *ü* and *iu*, as in *minion*.

162. The following words are given to illustrate the importance of placing the second circle outside the line when two circles are joined.

namely	daily	payee	carry
nigh	die	pie	kind

163. There are a few infrequent words, consisting of several vowels in succession — usually Indian names — in which it is more convenient to write the letters separately, and to indicate their connection by drawing a line underneath.

Lehigh

løh

ayah

øø

yahoo

øø

164. In the termination "n-ment" the jog between the N and M may be omitted.

assignment

añsignment

consignment

cñsignment

refinement

rñfinement

discernment

dñcernment

adjournment

añdjounment

atonement

añtonment

165. In the termination *gency*, the N may be omitted.

agency

añgecy

contingency

cñtingency

emergency

eñmergiency

exigency

eñxigency

urgency

uñrgency

cogency

cñgoency

166. A very easy and graceful blend may be secured by joining S to V without an angle in the termination *sive*.

expensive



expansive



offensive



extensive



defensive



intensive



167. The Scotch or German *ch*, the Irish *gh*, and the Welsh *ll* may be expressed by a dot over *k*, *g*, and *l*, respectively.

Loch



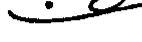
Ach



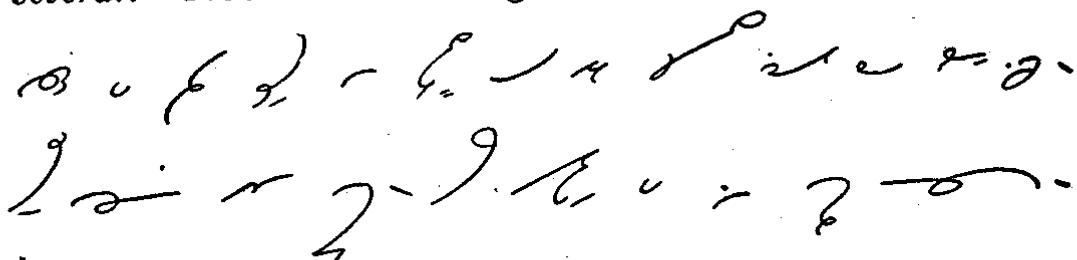
Lough



Llan



168. The contracted forms for *hundred* and *thousand* are employed only where these words are preceded by numerals, the article *a* or some such word, as *few*, *many*, *several*. Note the following.



KEY: Thousands of people visited the Exposition and it was said that hundreds were turned away.

Several hundred came to the convention. I have disposed of a thousand copies of the magazine.

READING EXERCISE

~ g) e n - l o g
n s { g . ~ e s - t y
e u - i l ~ e r - g - t -
- l - b - e - w - - -
g r a v o g - e - 2 - 0 - 2
12 o n - r - e - y - i -)
e - - - d u (- z - g
(z - - -) - - - - - - -
- e - 9 , y , ' - - - - - - -
g t p - - - - - - - - - -
d - - - -) - - - - - - -
- - - - - - - - - - - - -
- - - - - - - - - - - - -

9.08-16.6 - 20.
- 6.2 - 2 - 20.
- 6.0 - 6.0
- 2 - 6.0 - 20.
- 6.7 - 6.0 - 1.

WRITING EXERCISE

1. In the United States, immigration always greatly exceeds emigration.
 2. The election writs were correctly made out but the returns were far in excess of all expectations.
 3. The laws in the state of New York differ from those in the state of Nebraska in this respect.
 4. Almost daily many people are killed through the carelessness of agents of the electric railway companies.
 5. The payee of this draft, Mr. J. M. Johnstown, is unknown to us and it will be necessary for him to be identified before we can give him the money.
 6. The firm positively declined to accept the consignment of oranges from Florida. They claimed that this shipment had been damaged on account of the carelessness in nailing the boxes as well as by the unfavorable climatic condition during transit.
 7. The urgency of the case called for emergency measures and the manager, Mr. R. K. Johnson, after an exhaustive study of the matter decided that the plan proposed by one of the agents, Mr. D. E. Hanford, is the only way out of the difficulty.

A SHORT VOCABULARY

A				
abundant	C	approval	G	casual-ly
accident	B	approve	G	catalog
accommodation	S	approximate	G	century
address	S	arbitrary	G	church
administrator	S	architect	G	citizen
affidavit	H	assemblage	Z	civil
amalgamate	S	attach	G	civilization
amalgamation	S	attorney	G	coincide
America	S	authenticity	G	comparative
among	S	authoritative	G	conclusive
amount	S	automobile	C	congregation
		B		consonant
annual	S	bankrupt	G	conspicuous
another	S	behold	G	constant
anxious	S	benevolent	G	cordial
appear	C	benignant	G	corroborate
appearance	C	boulevard	G	cosmopolitan
application	C	C		count
apprehend	C	cabinet	P	coupon

covenant		discover		executive	
crucible		disproportionate		exorbitant	
cultivation		dissatisfaction		expedient	
curious		dividend		F	
D		doctrine		flour	
danger		duration		fulfill	
dangerous		E		G	
deceive		earnest		generation	
default		economical		glorious	
defendant		election		glory	
degenerate		engage		H	
delegate		English		handkerchief	
delegation		employer		headquarters	
democratic		enormous		hieroglyphic	
demoralize		envelope		hitherto	
deponent		equality		horizontal	
designate		equivalent		husband	
develop		etc.		I	
disadvantage		evaporate		ignorance	
disaster		execute		illustrate	

inclosure		legislative		P
incoherent		legislator		parcel
incompre- hensible		legislature		parliament
indefatigable		likewise		partial
indis- pensable		litigation		passenger
inherit		logic		persecute
instanta- neous		luxury		persevere
instead		M		plaintiff
institute		manuscript		practical
institution		messenger		practice
intend		misdemeanor		precede
introduction		modern		prevail
iron		N		procedure
J		negligence		proceed
jurisdiction		O		production
juxtaposition		obedient		promulgate
L		obligation		property
laboratory		o'clock		prosecute
legislate		operation		prospectus
legislation				prove

provoke		situation		United States	
punctuation		social		United States of America	
Q		specific			
qualify		specify		universe	
quarter		steady, study		unusual	
R		strengthen		V	
really		struggle		variety	
reason		stupidity		various	
reciprocate		subaltern		verdict	
refuse		support		versatile	
remunerate		sympathy		versus	
repugnant		T		vocabulary	
resignation		testimonial		vocation	
revolution		testimony		volunteer	
revolutionize		thankful		vote	
righteous		thermometer		W	
rule		thwart		warrant	
S		tranquil		warehouse	
salesman		U		wholesale	
secretary		unavoidable		withdrew	

SHORTHAND AS A MEANS OF MENTAL CULTURE

(For key, see page 154.)

SHORTHAND AS A MEANS OF MENTAL CULTURE

(Key to Shorthand Plate on page 153)

With shorthand every person may form his own books of reference according to his own requirements, and that in the same space as though they were printed; and no selection of printed books would contain and only contain what he wanted. Any person who will collect only for a brief time such facts into shorthand as appear likely to be useful in life, and sometimes read over what is so collected, will find the *ideas* secured again and again recurring in future reading. If this selecting be continued, it will come to be recognized that every newspaper or magazine article, and not a few of the so-called new books, are but a more or less ingeniously contrived patch-work of old ideas, though doubtless the writer in many cases believed them to be original; and the reader will end in knowing *ideas* apart from words, and will recognize them in whatever dress they may be presented, just as we know our friends by their features, however they may be attired. For ideas, as seen in print, heard in words, or felt in the mind, are much like the stars—many reflections of a few originals.—*C. R. Needham.*