

Pers 165 Form B
August 1954



SELECTION AID FOR
ENUMERATORS

U. S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

1954 CENSUS OF AGRICULTURE

This booklet contains three short tests, map reading, arithmetic problems, and following instructions. The questions need not be taken up in order. Answer first those that you can answer without any delay, then use the remainder of the time on the questions you have passed over. You should answer the questions even when you are not perfectly sure that your answers are correct. Try to complete all three tests in the time allowed.

Time allowed - 60 minutes

Name _____ Year of Birth _____

District Office _____ Date _____

DO NOT WRITE IN THIS BLOCK

TEST 1 (Map) _____

TEST 2 (Arith. Prob.) _____

TEST 3 (Instructions) _____

● Not to be shown to unauthorized persons in or out of the Bureau of the Census.

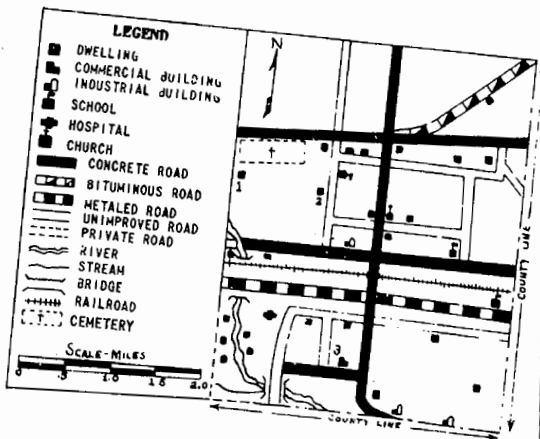
TEST 1

MAP READING (All questions on this page refer to map on p. 3.)

- Place an "X" beside the dwelling nearest the east county line. (See legend for the symbol for "dwelling." Locate east county line on the map. Locate the dwelling symbol that is nearest to the east county line.) Ans. on map
 - Place an "X" beside the school nearest a metaled road. Ans. on map
 - How many dwellings are within one (1) mile of the south county line? (Count dwellings only—use map scale and a pencil or other straight edge to measure the distance.) Ans. _____
 - How many dwellings are located in the area west of the river and north of the railroad? Ans. _____
 - What is the straight-line distance (to the nearest whole mile) from the commercial building marked "3" to the railroad? (Use scale and pencil or other straight edge to measure distance.) (Ans. to nearest whole mile) _____
 - Traveling by road, how far is it (to the nearest whole mile) from the church to the hospital? (Ans. to nearest whole mile) _____
 - What is the straight-line distance (to the nearest whole mile) from the church to the southwest corner of the map? (Ans. to nearest whole mile) _____
- Indicate the following changes on the map by drawing in the appropriate symbol.
- Bituminous road from dwelling "1" to dwelling "2." (See legend for the symbol for a "Bituminous road." Draw that symbol in the location specified.) Ans. on map
 - a school 1.0 miles due north of the hospital. Ans. on map
 - an industrial building just across the road from and directly south of the commercial building which is marked "3." Ans. on map

- 2 -

TEST 1—Continued



- 3 -

TEST 2

ARITHMETIC

Use the "Conversion Table" to do the problems below.

Conversion Table

Alfalfa seed:	1 Bushel equals 60 pounds
Timothy seed:	1 Bushel equals 45 pounds
Apples:	1 Bushel equals 48 pounds
Apples:	1 Ton equals 41.67 bushels or 2,000 pounds
Cherries:	1 Quart equals 1 3/4 pounds

For example: Convert—

- 5 Bushels Alfalfa seed = 300 lbs. Since 1 bushel of alfalfa seed is equivalent to 60 lbs., then 5 bu. are equivalent to 5 x 6 or 300 lbs. The answer is 300, so 300 has been written in.
- 90 lbs. Timothy seed = 2 bu. Since 45 lbs. of Timothy seed are equivalent to 1 bu., then 90 lbs. are equivalent to $\frac{90}{45}$ or 2 bu. The answer is 2 so 2 has been written in.

Do the problems below in a similar manner.

- 20 bushels Alfalfa seed = _____ lbs. Space for Calculations
- 4 1/2 bushels Apples = _____ lbs.
- 120 pounds Apples = _____ lbs.
- 7 pounds Cherries = _____ qts.
- 3 1/3 bushels Timothy seed = _____ lbs.
- 200 Tons Apples = _____ bu.
- 90 pounds Alfalfa seed = _____ bu.
- 200 quarts Cherries = _____ lbs.
- 9-10. A rancher reports his yield of apples for two orchards as follows:
 ORCHARD A = 1,440 pounds
 ORCHARD B = 40 bushels
 Compute his total crop for the two orchards in pounds and in bushels.
 _____ lbs. _____ bushels

- 4 -

FIGURE 5.—Selection Aid for Enumerators (Pers. 165 Form B).

METHODS AND PROCEDURES

TEST 3

FOLLOWING INSTRUCTIONS

On the basis of the information furnished, you are to complete the entries called for below.

For example—Given the following information—
On October 2, 1954, Mr. Jones will have been operating this farm for four years. He lives on this farm and was 56 years old on his last birthday.

Complete the following entries:

RESIDENCE AND AGE OF PERSON IN CHARGE:

Do you live on this place? No Yes

How old were you on your last birthday? 56 (Years)

When did you begin to operate this place? 1950 (Month) (Year)

"YES" is checked since the information indicates that Mr. Jones is the person in charge and that he lives on the farm in question. His age on his last birthday is given as 56. He has been operating the farm for the past 4 years which means that he began to operate the farm in 1950. The month is not shown since the instruction states it is not necessary if the person began to operate the farm prior to 1952.

Complete the following entries in a similar way.

Mr. Jones has 3 horses, 2 colts, and 2 mules. One of his sons has a pony and in addition he boards 2 horses for friends.

Fill in the following:

Include all animals on this place owned by you and by others.

MULES AND HORSES:

1. How many MULES, HORSES, COLTS, and PONIES are on this place? None

OF THIS TOTAL—

2. (a) How many are MULES and MULE COLTS? None

3. (b) How many are HORSES and COLTS, including ponies? None

- 5 -

TEST 3—Continued

Mr. Jones indicates that he owns 1 tract of 12 acres of cropland and 1 tract consisting of 8 acres of cropland, 2 acres of woodland and 2 acres of wasteland. He has also been using rent-free 6 acres of pastureland belonging to Mr. Smith.

Fill in the following:

OWNED LAND:

4. How many acres of land do you OWN? None 1 to 14 acres 15 to 29 acres 30 to 49 acres 50 to 99 acres 100 or more acres

LAND RENTED FROM OTHERS:

5. How many acres of land do you RENT FROM others, including any worked on shares? None 1 to 14 acres 15 to 29 acres 30 to 49 acres 50 to 99 acres 100 or more acres

During most of the week of Oct. 24-30 Mr. Jones was ill. He worked about 3 hours a day on Monday and Tuesday and an additional 4 hours over the week-end. One son worked full time and another son worked 4 hours a day for 4 days. Neither of them received any pay. His third son worked about 10 hours during the week for which he was paid \$12.00.

6. About how many hours the week of Oct. 24-30 did you (the person in charge of this place) do farm work or chores on this place? None 1 to 14 hours 15 hours or more

7. How many OTHER MEMBERS OF YOUR FAMILY did 15 hours or more of farm work or chores on this place the week of Oct. 24-30 WITHOUT RECEIVING CASH WAGES? None 1 to 4 persons 5 to 9 persons 10 or more persons

8. How many HIRED PERSONS did any farm work or chores on this place the week of Oct. 24-30? None 1 to 4 persons 5 to 9 persons 10 or more persons

- 6 -

TEST 3—Continued

Mr. Jones harvested 525 bushels of Irish potatoes this year from 4 acres. He sold 500 bushels, and used the remainder on the farm. He also harvested 16 bushels of sweetpotatoes from a strip he estimates to be about 1/10 an acre. He used 5 bushels on the farm and sold the other 11 bushels.

Fill in the following:

9. Irish Potatoes for home use or for sale? None 1 to 20 bushels 21 to 50 bushels 51 to 100 bushels 101 to 200 bushels 201 to 500 bushels 500 or more bushels

10. Sweetpotatoes for home use or for sale? None 1 to 20 bushels 21 to 50 bushels 51 to 100 bushels 101 to 200 bushels 201 to 500 bushels 500 or more bushels

This year Mr. Jones paid \$150 to have his wheat threshed, \$75 for tractor hire and \$15 for filling a silo. He pays a hired hand \$65 a month throughout the entire year. He also paid a day hand \$65 during the year for work on the farm. He estimates that his feed bill for his livestock so far this year \$200 and for his poultry, \$300. He expects to spend an additional \$250 for feed before the end of the year.

Fill in the following:

11. How much was or will be SPENT this year for—

(a) MACHINE HIRE? None \$0.00 \$10.00 \$20.00 \$30.00 \$40.00 \$50.00 \$60.00 \$70.00 \$80.00 \$90.00 \$100.00 or more

(b) HIRED LABOR? None \$0.00 \$10.00 \$20.00 \$30.00 \$40.00 \$50.00 \$60.00 \$70.00 \$80.00 \$90.00 \$100.00 or more

(c) FEED for livestock and poultry? None \$0.00 \$10.00 \$20.00 \$30.00 \$40.00 \$50.00 \$60.00 \$70.00 \$80.00 \$90.00 \$100.00 or more

- 7 -

TEST 3—Continued

Mr. Jones estimates that he has purchased 4 tons of fertilizing material this year to be used on 20 acres. The material cost him an average of \$50 per ton. He used the fertilizer as follows:

1 ton on 7 acres of corn
2 tons on 6 acres of potatoes
1/2 ton on 3 acres of oats
1/2 ton on 4 acres of hay

Fertilizer was not used on any other crops or acreage.

NOTE: Convert all fractions of tons to tenths, i.e., 1/10, 2/10, 3/10, etc.

Fill in the following:

14. How much COMMERCIAL FERTILIZER and FERTILIZING MATERIAL was purchased this year? None \$0.00 \$10.00 \$20.00 \$30.00 \$40.00 \$50.00 \$60.00 \$70.00 \$80.00 \$90.00 \$100.00 or more

On which crops was FERTILIZER USED this year? For each crop, answer these questions: (If none, check none.)

Crops	(1) On how many acres was fertilizer used?		(2) How many tons were used?	
	Acres	Tons	Acres	Tons
15. (a) Hay and cropland pasture?				
16. (b) Other pasture (not cropland)?				
17. (c) Corn?				
18. (d) Wheat?				
19. (e) Fruits, vegetables, and potatoes?				
20. (f) Other crops?				

- 8 -

FIGURE 5.—Selection Aid for Enumerators (Pers. 165 Form B)—Continued.