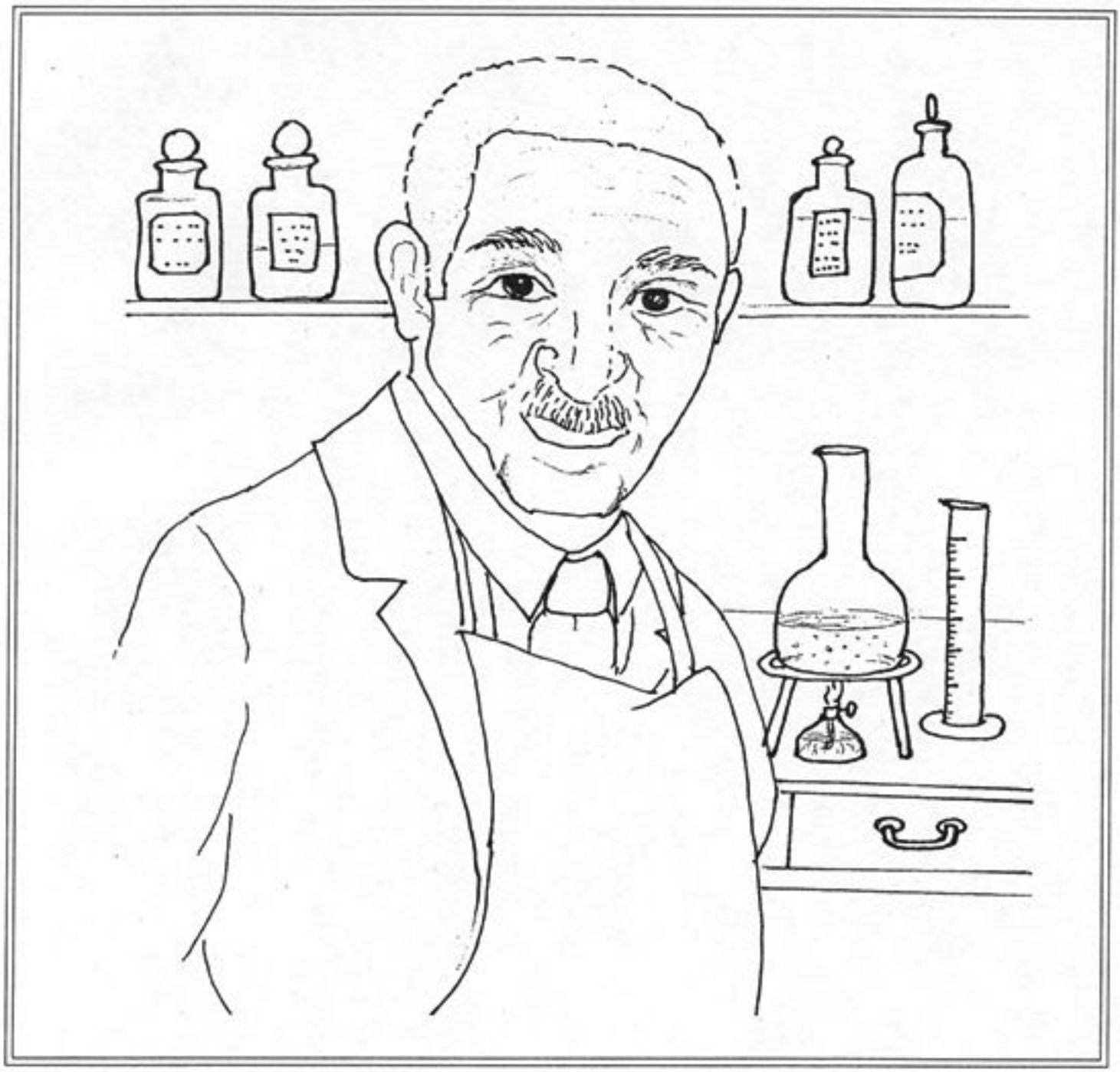
USDA Honors
Dr. George Washington Carver

"It is simply service that measures success."

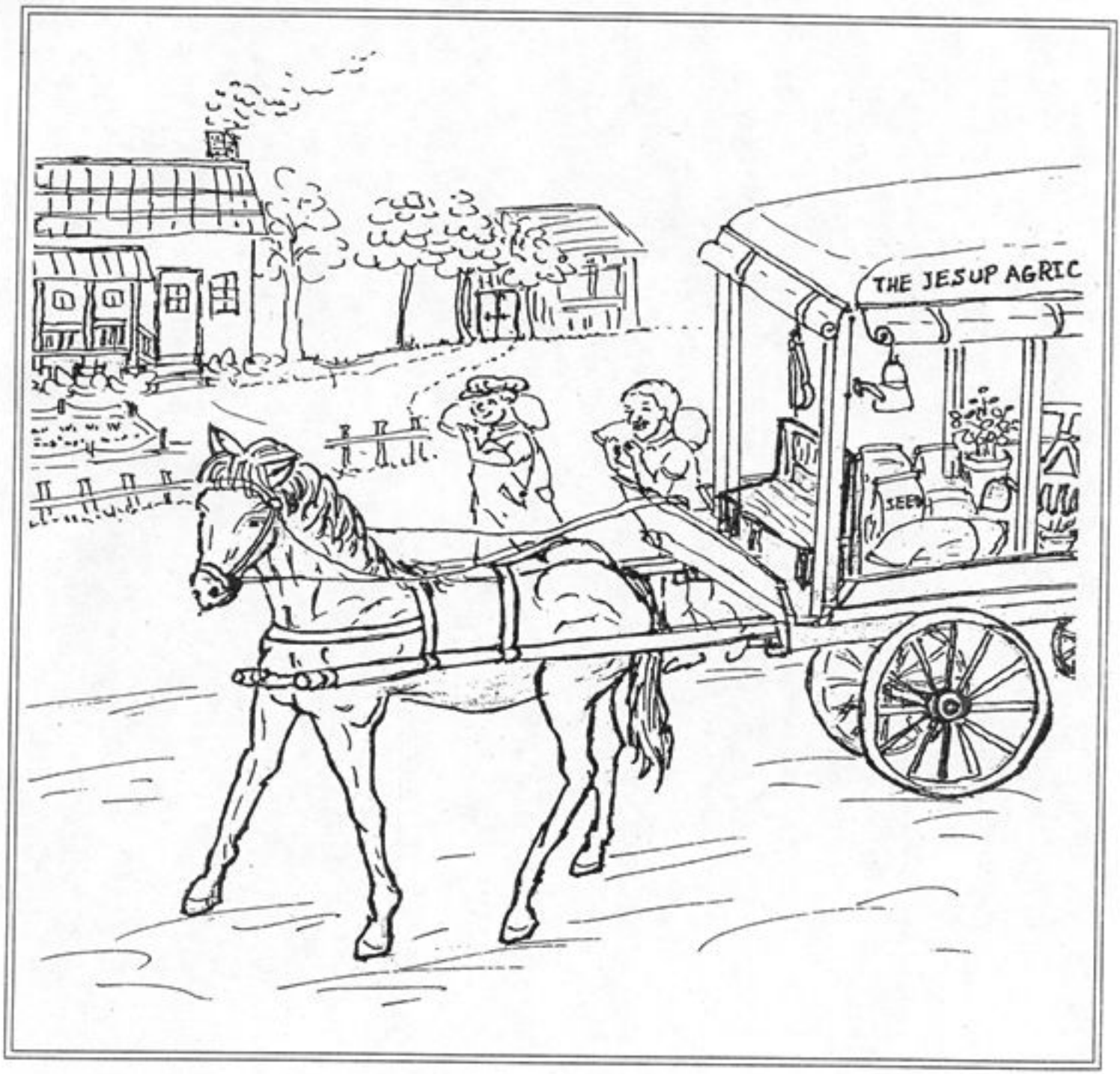
George Washington Carver

Doctor Carver was not just a scientist and a teacher. He was very religious, artistic, musical, and talented.



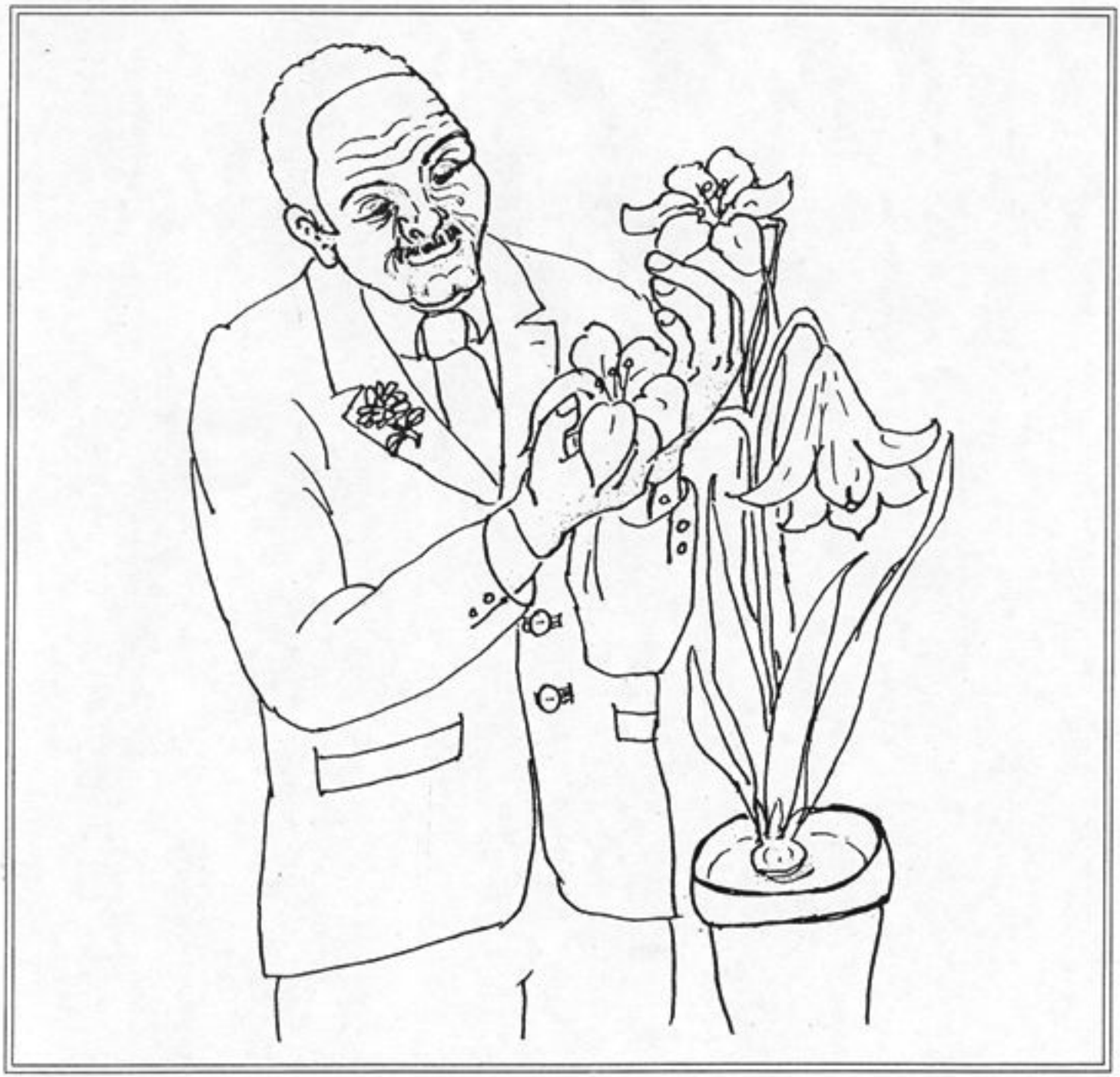
Color this picture.

Dr. Carver started an outreach program to help farmers learn a new way to plant the crops and to use better farming tools. Dr. Carver taught farmers to rotate crops such as peanuts, sweet potatoes, and soybeans.



Color this picture.

Dr. Carver always enjoyed flowers. Dr. Carver wore a flower on the lapel of his jacket every day.

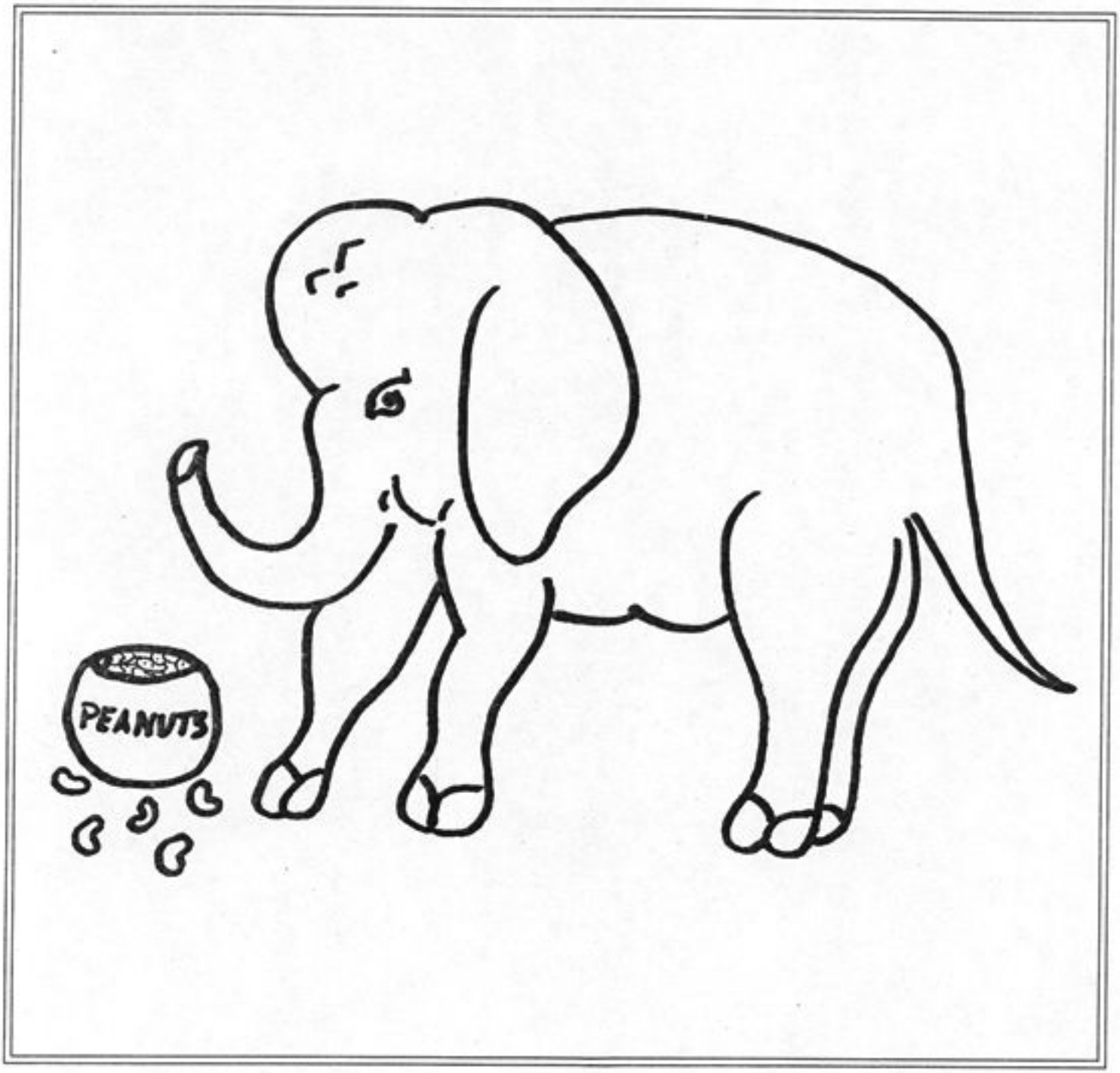


Color this picture.

George Washington Carver loved flowers. He developed new types of Amaryllis.

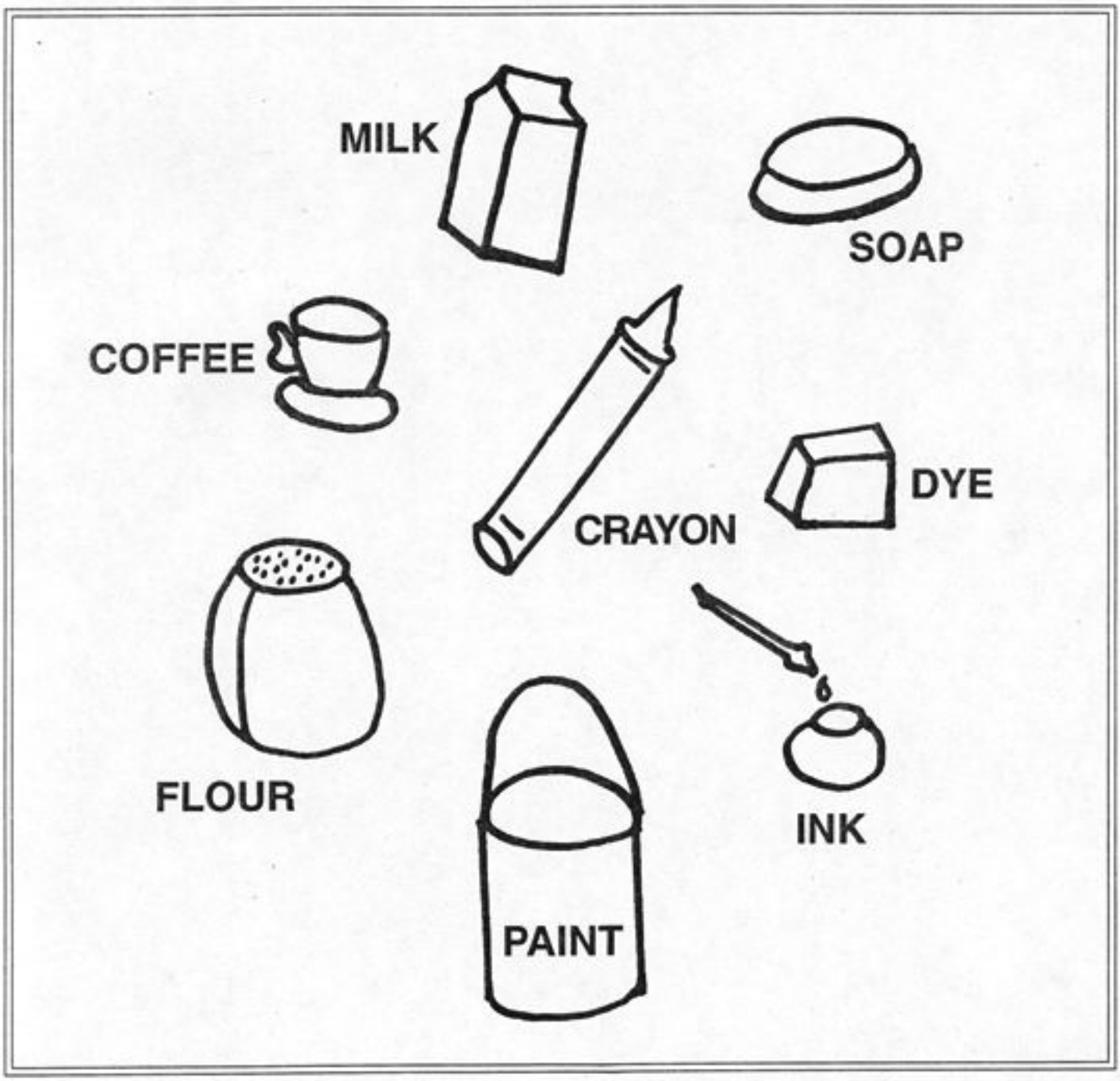
Color this picture.

Elephants love peanuts. George Washington Carver developed over 300 products from peanuts.



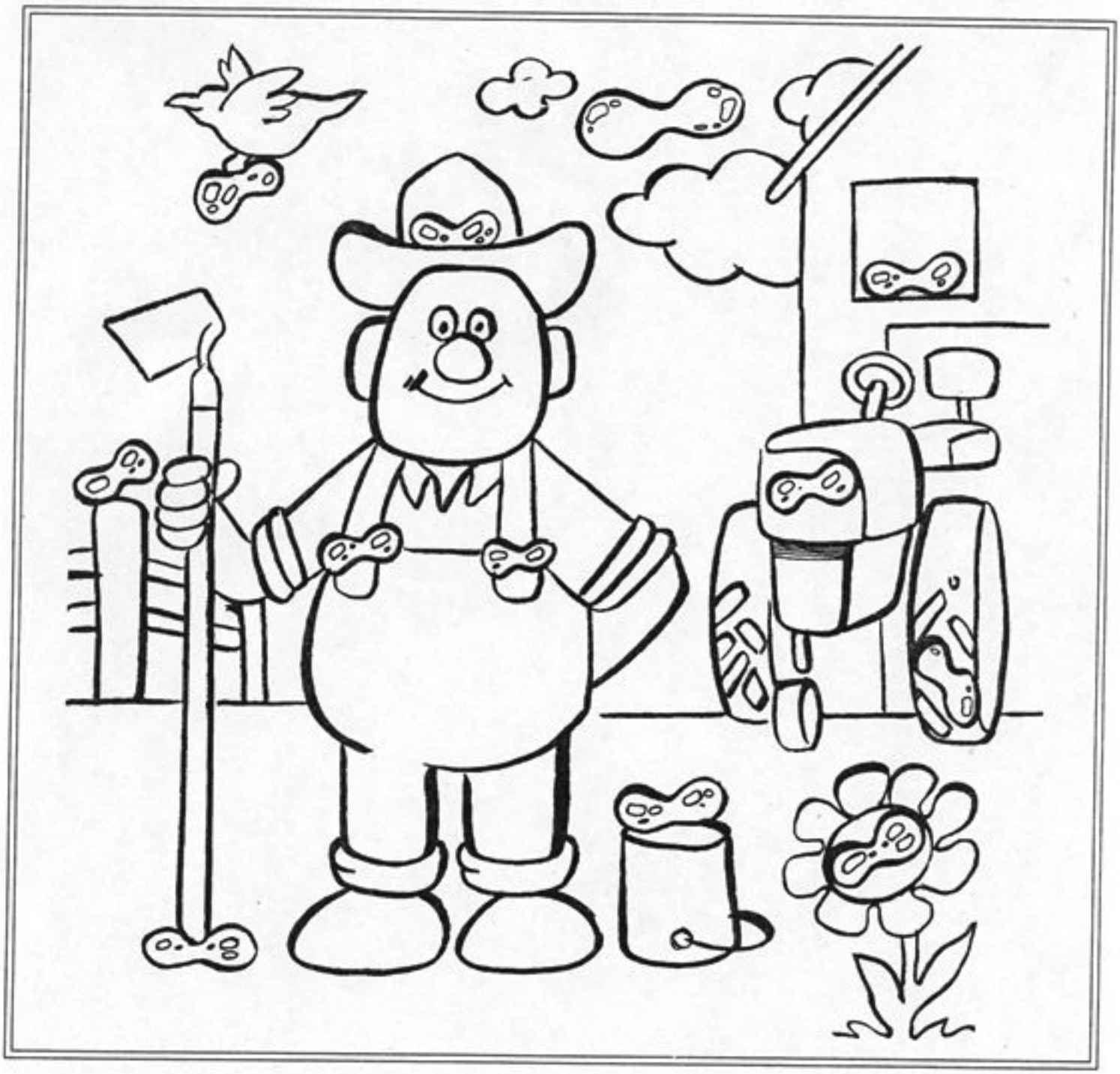
Color this picture.

These are some products George Washington Carver developed.



Color this picture.

Find the 12 hidden peanuts in the picture.

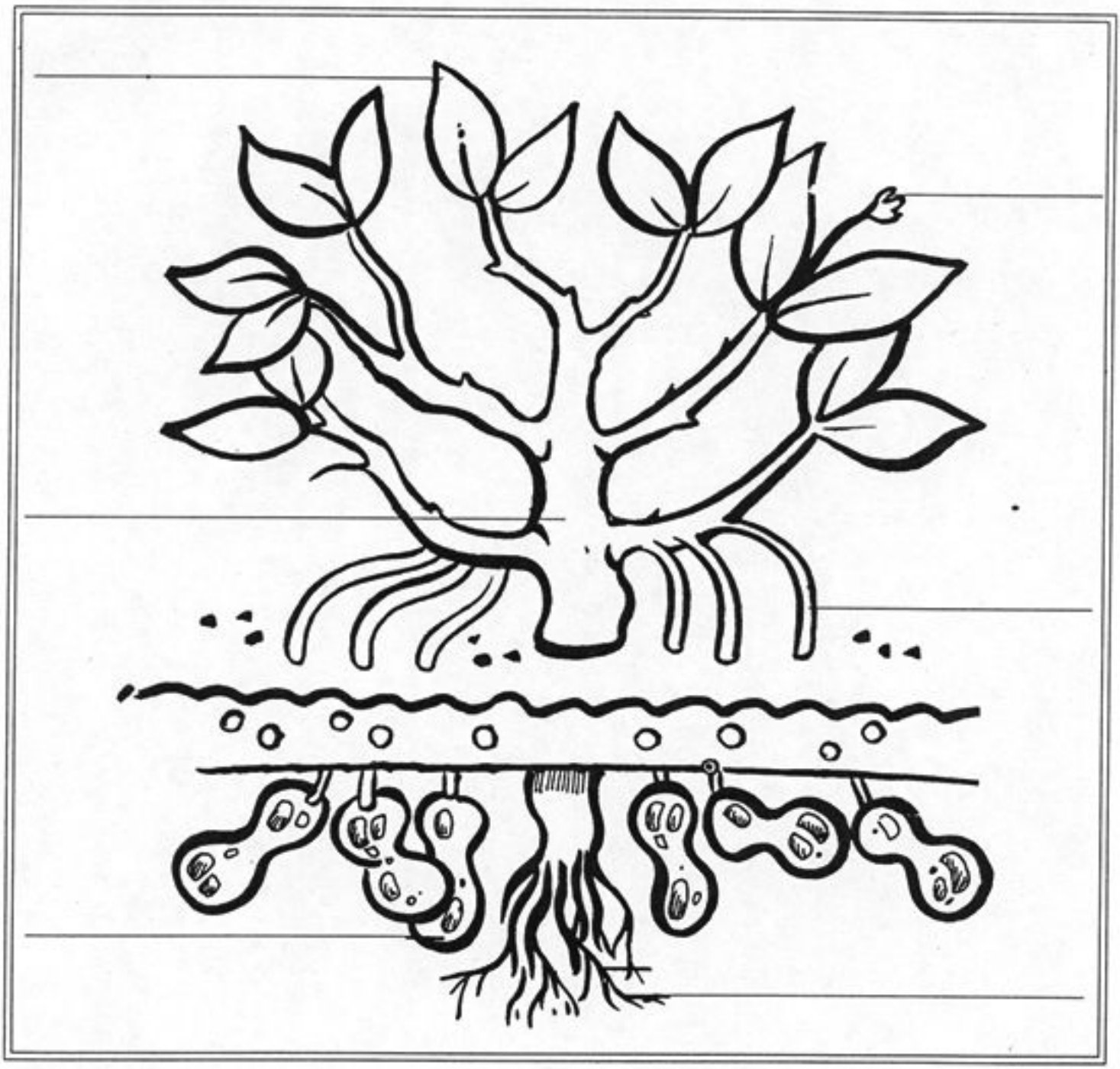


Color this picture.

The Peanut Plant: Picture Perfect!

Label the parts of the peanut plant.

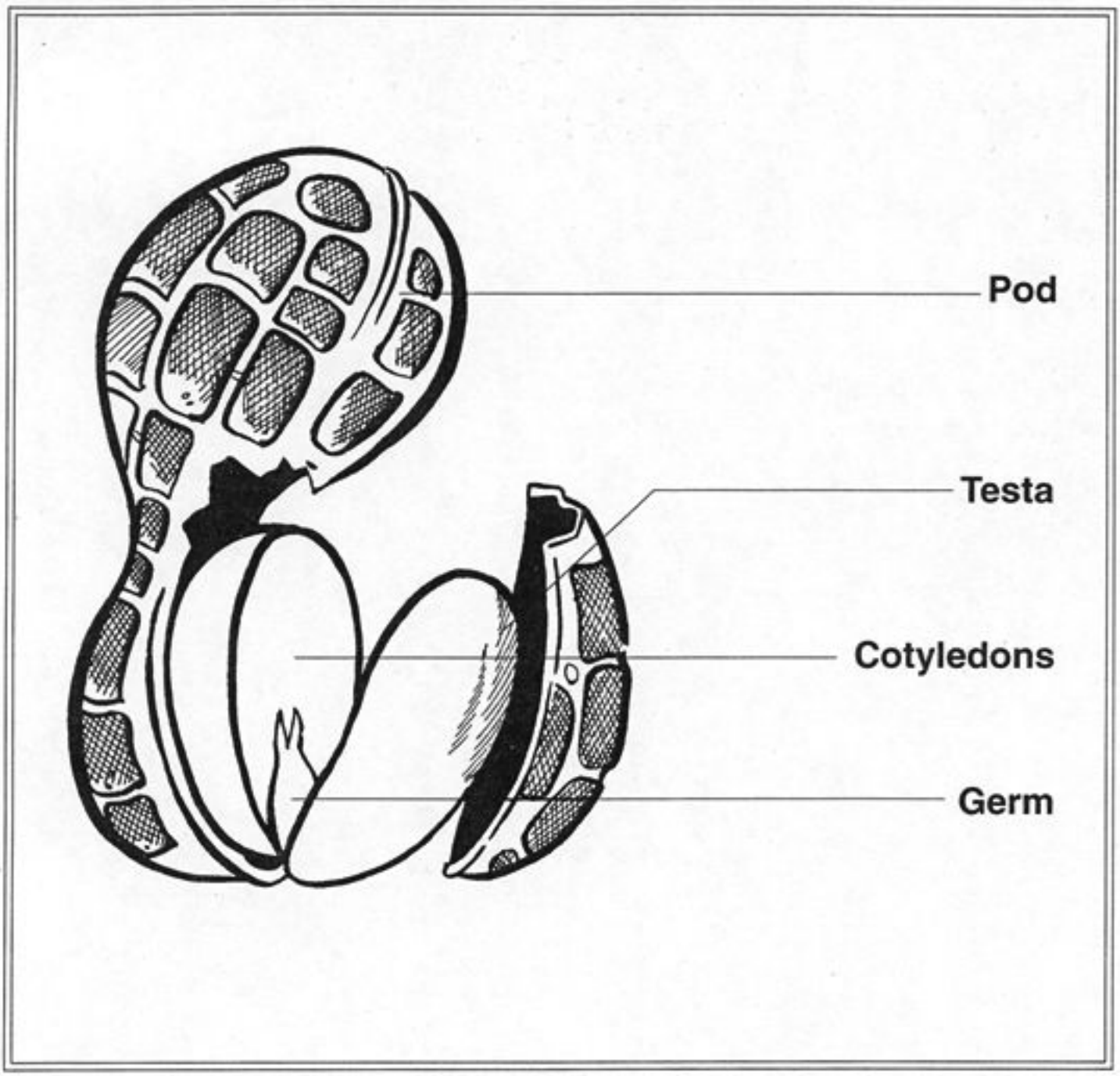
Leaf **Flower** **Root** **Peg** **Stem** **Peanut**



Color this picture.

Color, Trace & Learn

The kernel of the peanut is inside the *Pod.* The lobes of the kernels inside the pod are called *Cotyledons.* The thin skin covering the lobes is called the *Testa.* Between the two lobes is a plantlet called the *Germ.*



Color this picture.

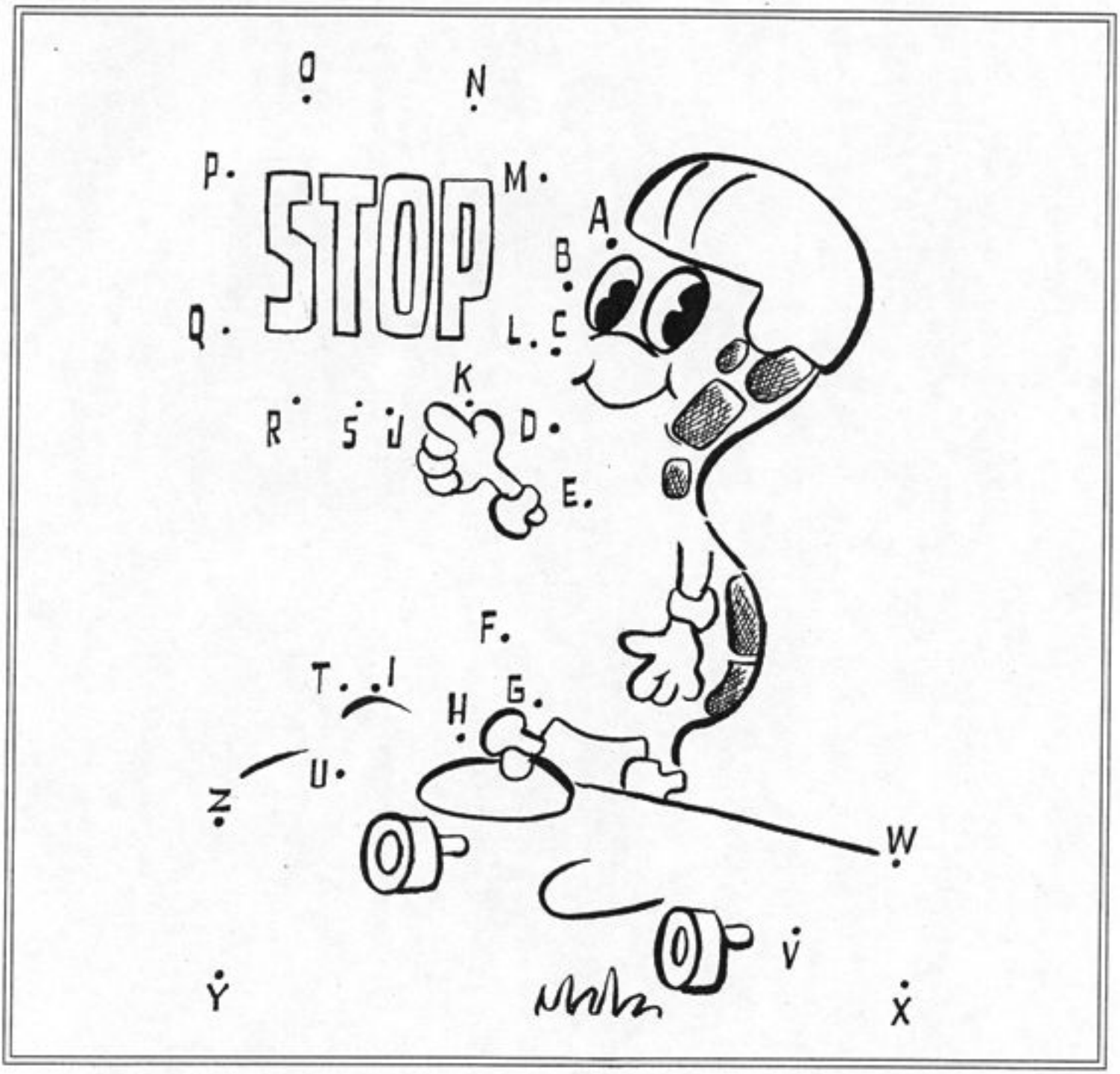
Listening for Rhyming Words

Circle the rhyming words in the poem.

I never thought I'd see the mouse
who kept eating all of the peanut butter
in our house!

Draw a picture in the box to illustrate the poem.

Connect the dots from A to Z.



Color this picture.

Where in the U.S. do Peanuts Grow!

Peanuts grow mainly in nine states. They include: Alabama, Florida, Georgia, New Mexico, North Carolina, Oklahoma, South Carolina, Texas and Virginia.

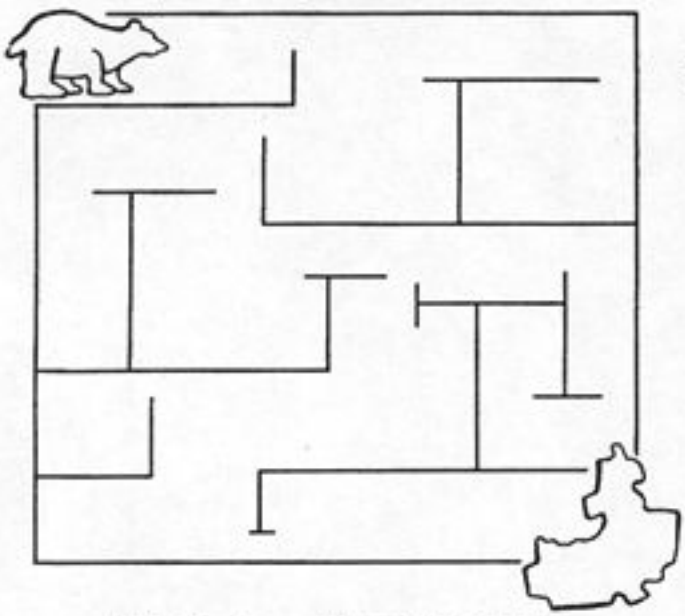
Color the states that grow peanuts and color the state that you live in.

Social Studies & Geography Activity Sheet

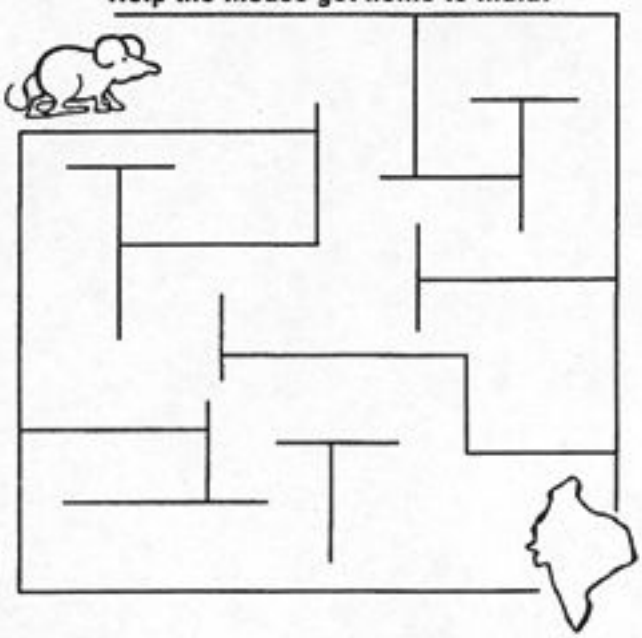
Where in the World do Peanuts Grow!

Besides the United States, peanuts grow in these countries: China, India and Senegal.

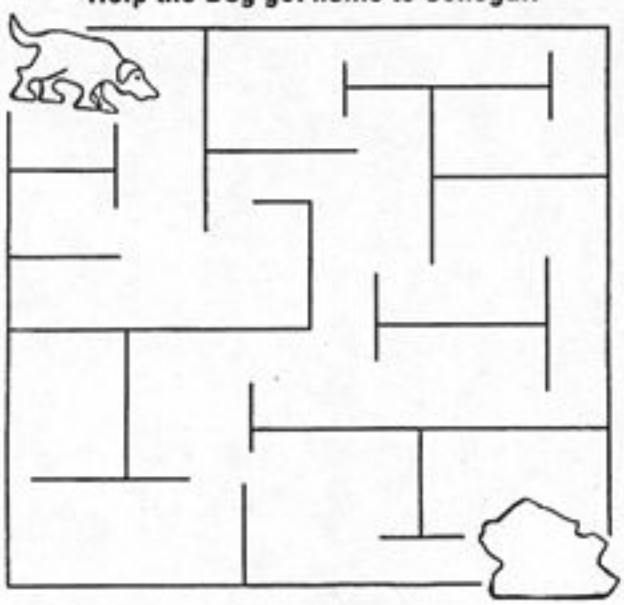
Help the Bear get home to China.



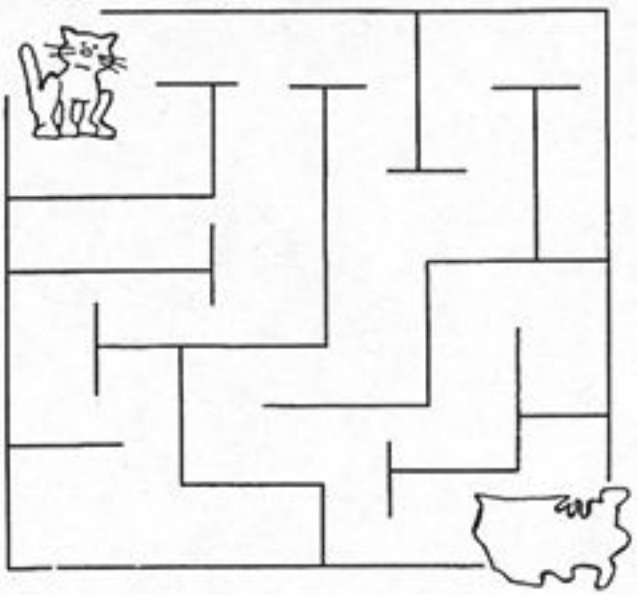
Help the Mouse get home to India.



Help the Dog get home to Senegal.



Help the Cat get home to the United States.



Peanut Butter is Good for You!

Rudy the rabbit and his teacher are going to make peanut butter.

What will they need?

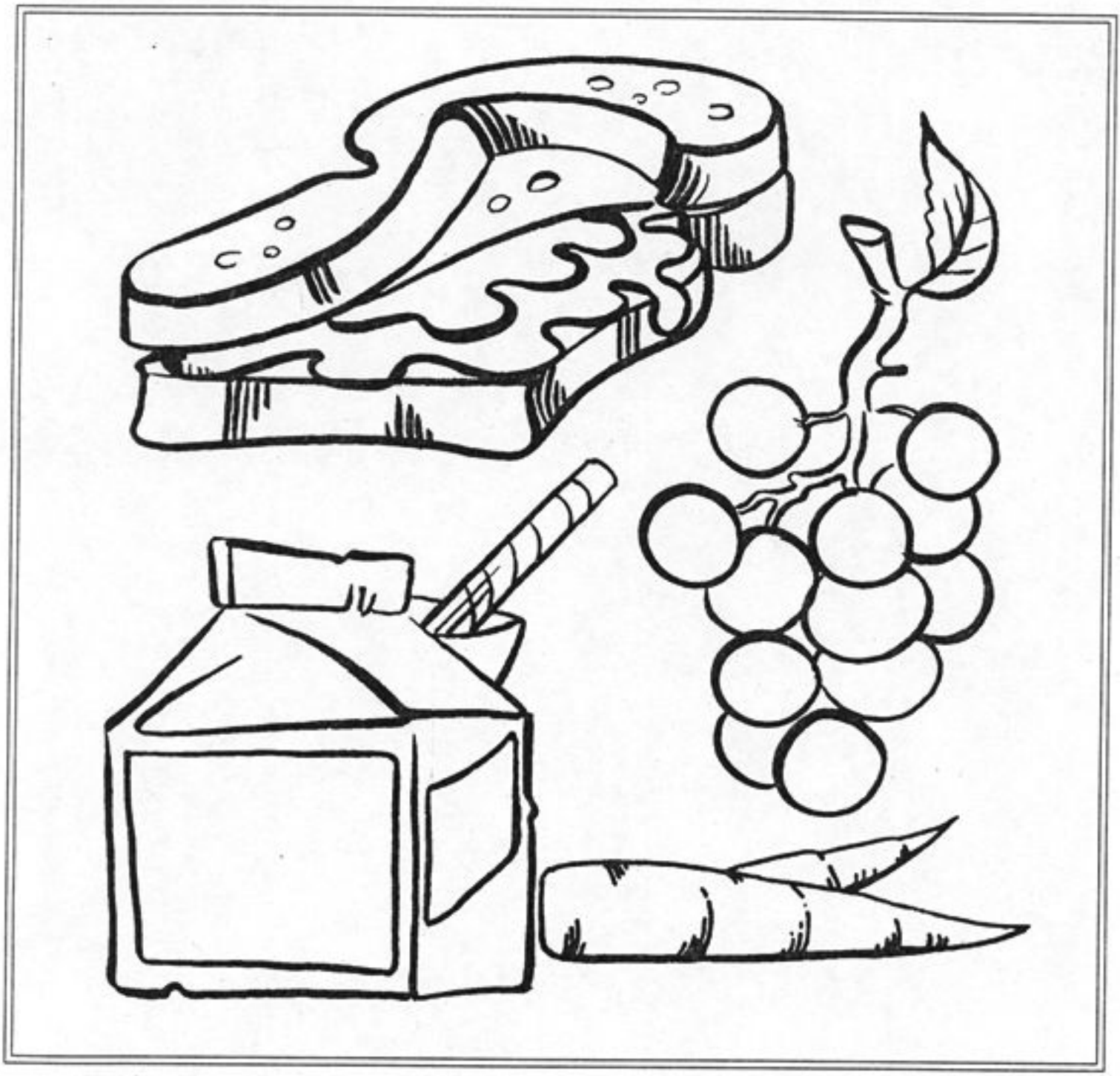
- Measuring cup
- Measuring spoon
- Spoon
- Blender
- 1 cup salted, roasted peanuts
- 1½ teaspoons peanut oil

How will they make it?

- Measure 1 cup peanuts and put in blender.
- Measure 1 1/2 teaspoons peanut oil and put in blender.
- Put top on blender.
- Push button and blend for about 3 minutes.
- Turn blender off.
- Take top off blender.
- Scrape sides of blender with spoonand push peanuts to bottom.
- Put top on blender.
- Push button and blend for about 3 more minutes.
- Take top off blender
- Scoop out peanut butter.

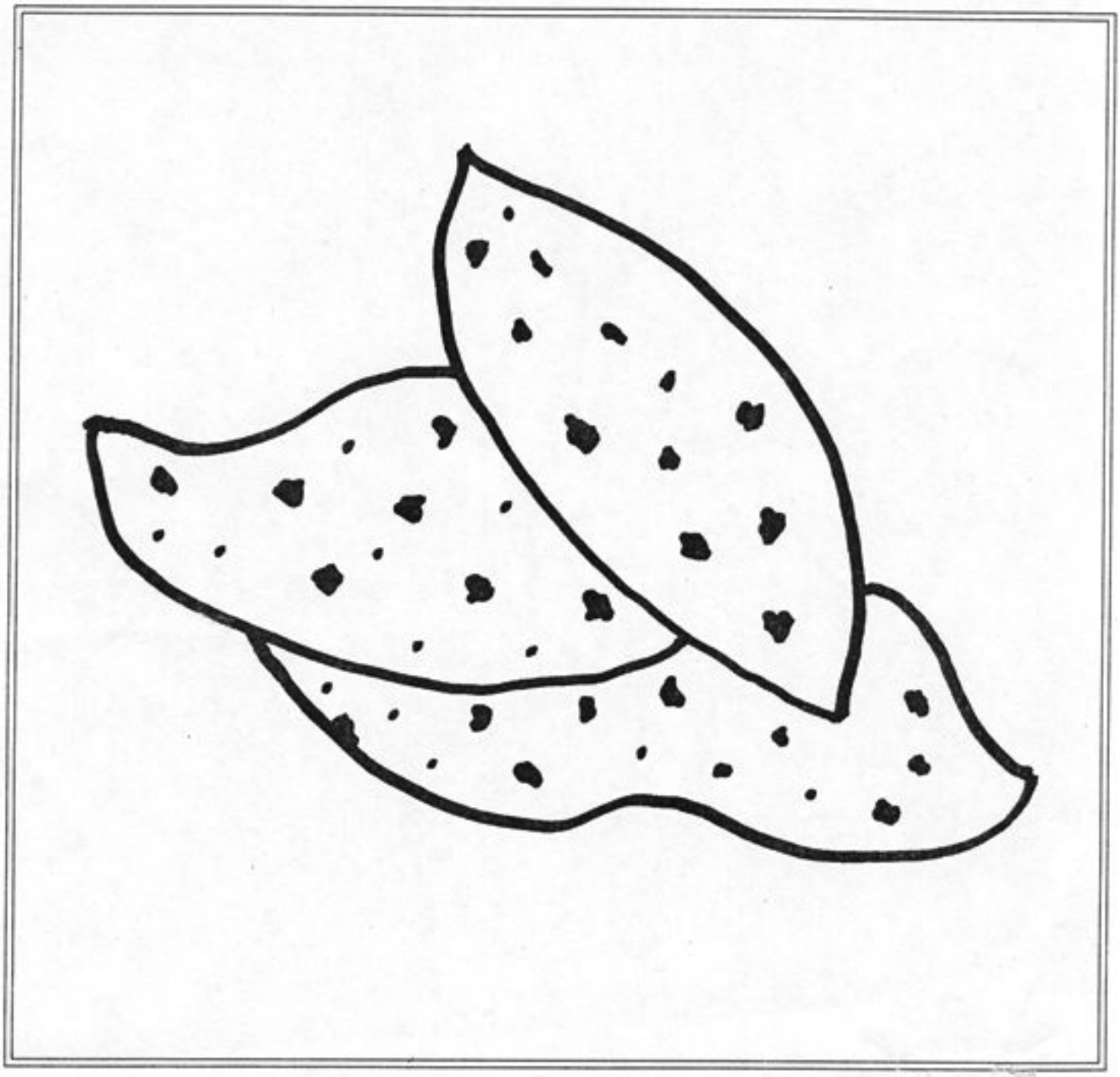
I Can Make a Healthy Meal!

Name the foods below.



Color the different foods .

George Washington Carver developed over 100 uses for sweet potatoes.



Color this picture.

Name _____

Write the sum or difference of each of the equations below and cross off each answer in the peanut butter sandwich. The number that remains is the answer to the riddle.

Riddle

By the time the average student graduates from high school, he or she will have eaten how many peanut butter and jelly sandwiches?

Answer: _____

123 + 134 = _____	495 + 269 = _____	935 + 204 = _____	843 + 209 = _____
620 + 210 = _____	849 + 293 = _____	703 + 693 = _____	493 + 307 = _____
199 + 306 = _____	429 + 935 = _____	103 + 397 = _____	253 + 420 = _____
294 + 829 = _____	938 + 194 = _____	947 + 946 = _____	120 + 506 = _____
205 + 395 = _____	894 + 941 = _____	936 + 894 = _____	935 + 959 = _____
960 - 854 = _____	120 - 104 = _____	704 - 642 = _____	943 - 206 = _____
492 - 205 = _____	732 - 641 = _____	832 - 528 = _____	830 - 372 = _____
730 - 492 = _____	820 - 302 = _____	937 - 293 = _____	610 - 290 = _____
938 - 391 = _____	956 - 592 = _____	647 - 291 = _____	650 - 458 = _____
739 - 620 = _____	839 - 693 = _____	201 - 165 = _____	932 - 720 = _____

1,142	1,396	212
1,123	1,364	304
500	1,893	62
287	257	1,139
146	673	1,835
364	547	1,052
238	1,830	505

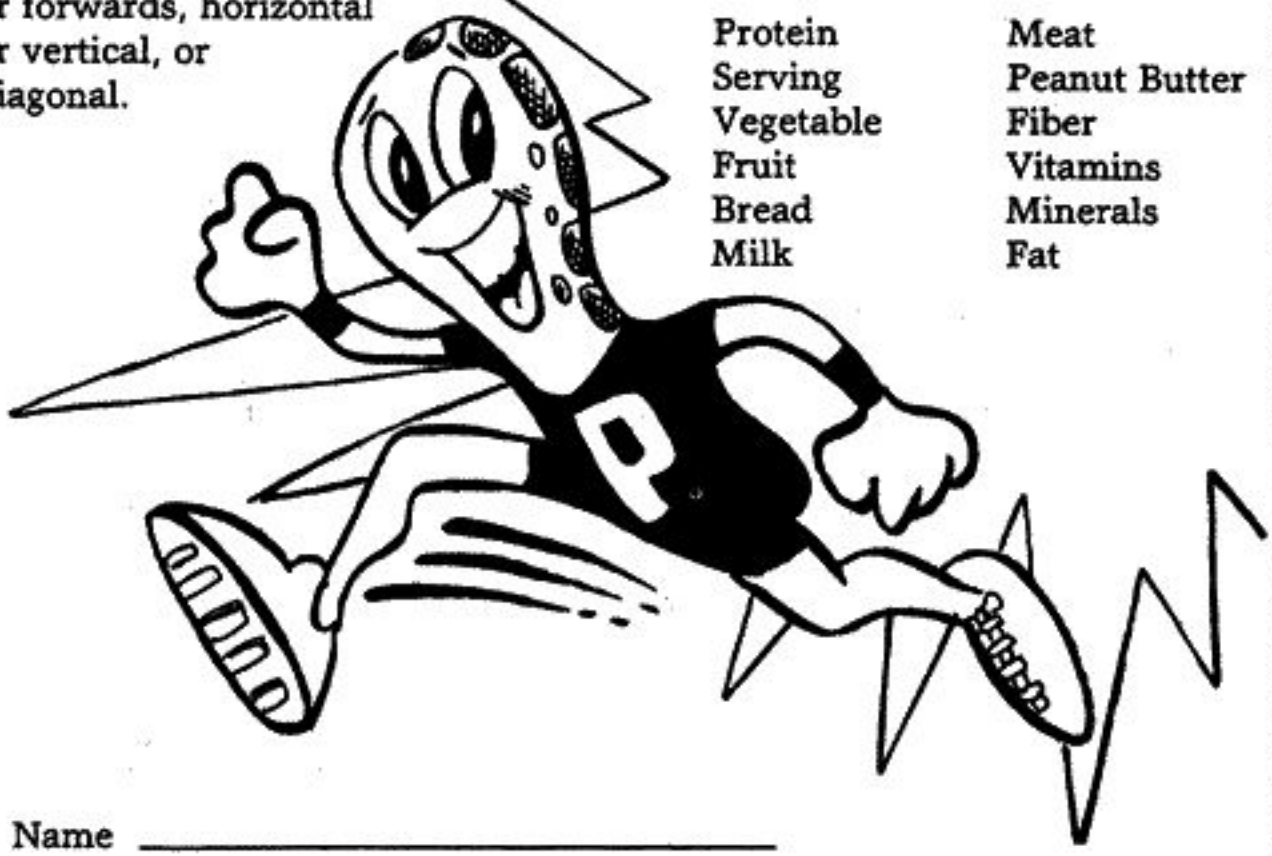
737	320	
644	356	1,894
764	106	36
16	192	119
458	518	1,132
91	626	830
800	1,500	600

Pyramid Word Puzzle

See if you can find the "nutritious" words listed below in the pyramid word puzzle. Remember, the words may be backwards or forwards, horizontal or vertical, or diagonal.

Word List

Protein
Serving
Vegetable
Fruit
Bread
Milk
Meat
Peanut Butter
Fiber
Vitamins
Minerals
Fat



Name _____

```
                S V
              E E F I
            L K R T Y T
          B G D V A O F A
        A T D E I E H A Y M
      T I D A S N M Z T E U I
    E U I A E C G P R O T E I N
  G R G B X R S L A R E N I M B S
E F R W E Q B K I X F R C E L G M S
V O F A T R B K L T F I B E R B H C L I
D U P E A N U T B U T T E R F V M I L K
```

Peanut Farming

Name _____

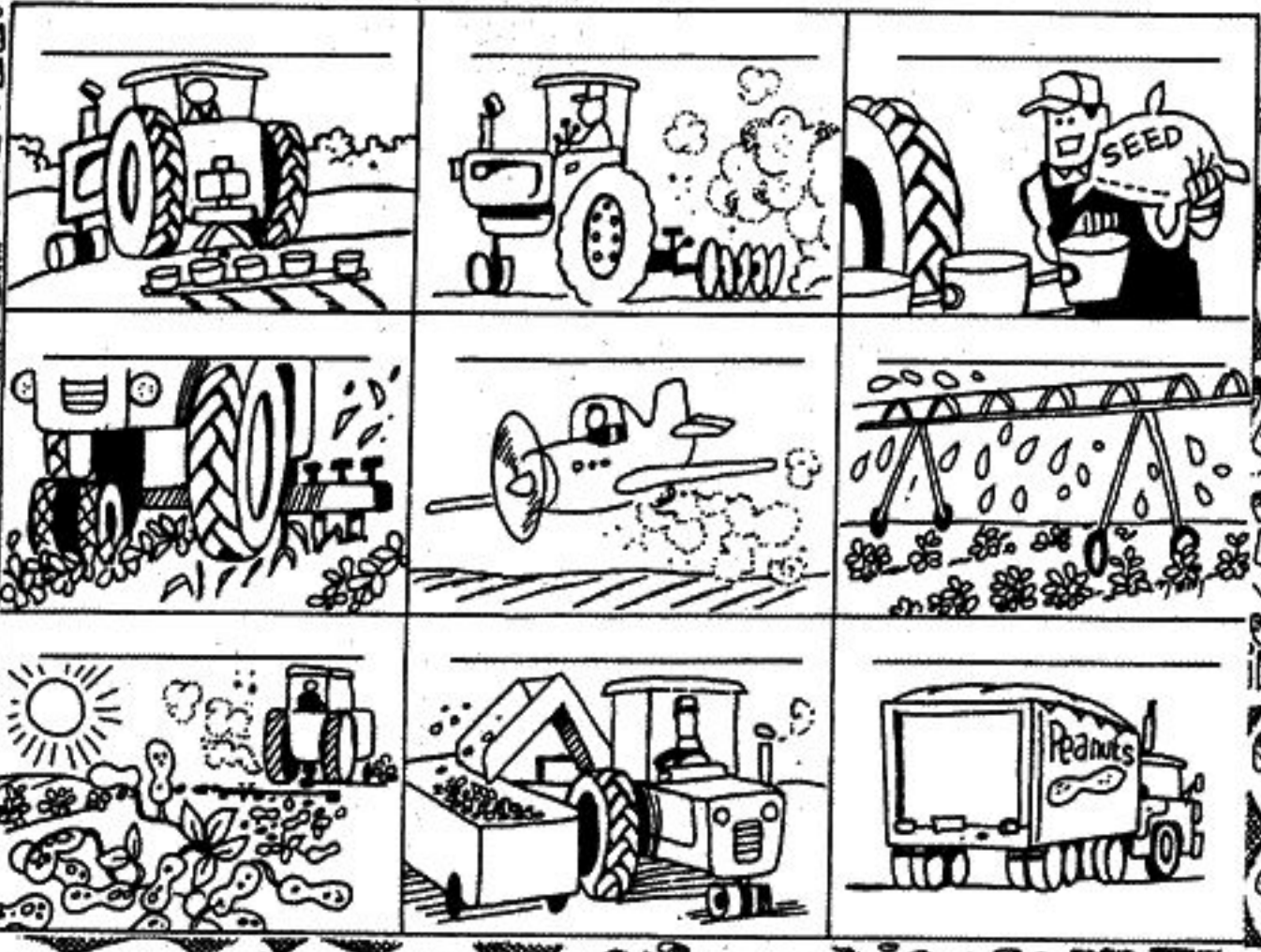
Read the story below then label each picture with the **bold** words.

Peanut farmers begin to prepare their fields for planting in March. First, they **fertilize** the fields to help the peanuts grow. Then they **plow** the fields to prepare the soil for planting. Peanut seeds are **planted** in early May. The peanut itself is actually the seed.

Peanut farmers **cultivate** the fields throughout the growing season to get rid of weeds and other plants that have grown in the peanut fields. Farmers must also **spray the fields** to eliminate bugs and diseases and **irrigate**, or water, the peanut crops. Irrigation is especially important during times of drought.

Harvesting begins in September. The peanut plants are pulled from the ground and the peanuts are turned up to dry in the sun for several days. A combine **separates** the peanuts from the vines and dumps the peanuts into drying trailers. Finally, the farmer **hauls** the peanuts to a buying station or shelling plant to sell them.

None of the peanut plant is wasted. The vines are baled for hay to feed farm animals or are plowed into the fields to fertilize for the next crop. Even the peanut shell can be used for things like fireplace logs.



George Washington Carver Crossword Puzzle

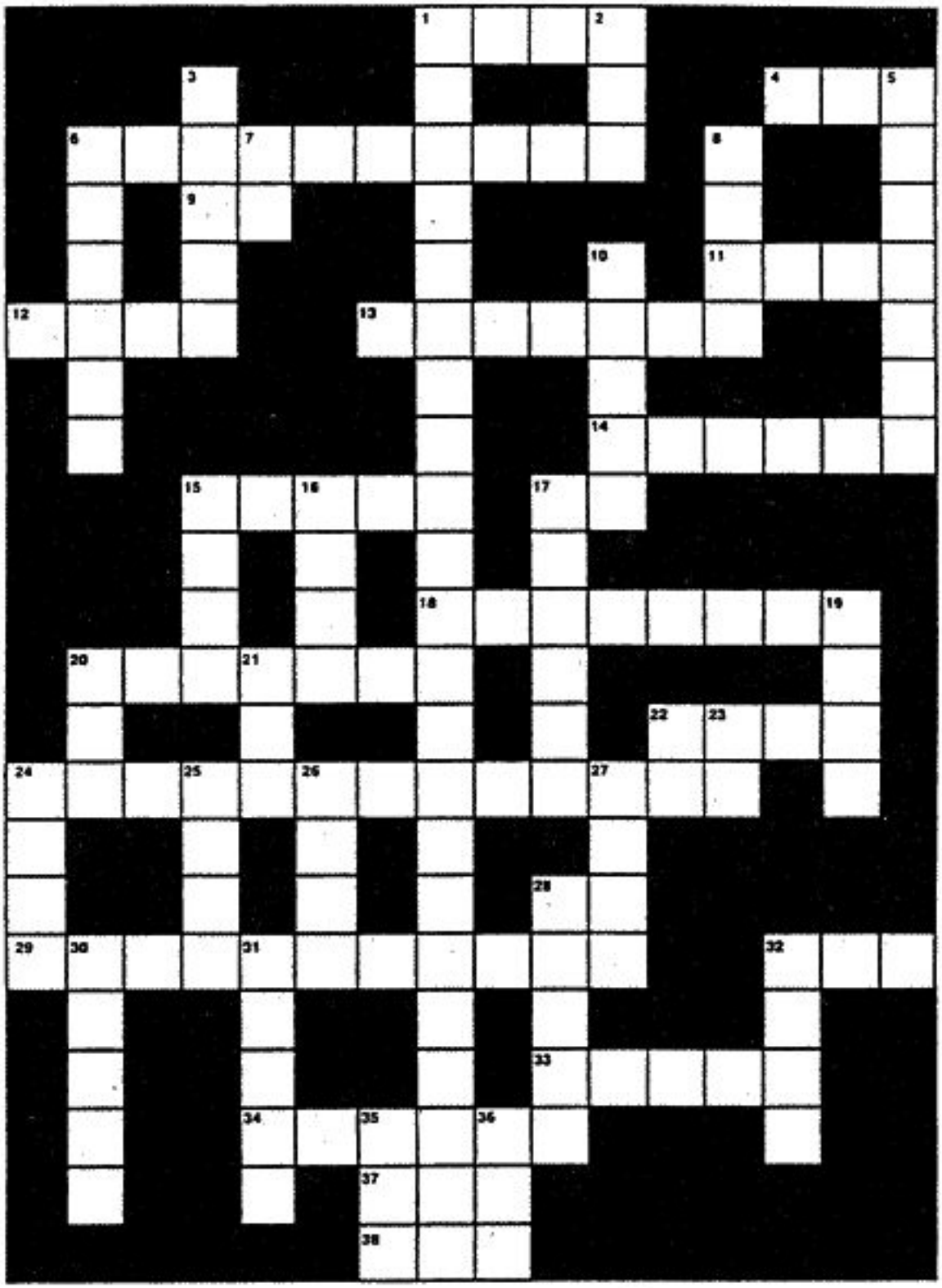
ACROSS:

1. George Washington Carver helped plants _____ .
4. Missouri pioneers enjoyed eating corn on the _____ .
6. To help your neighbor is a _____ thing to do.
9. Many people said _____ to George Washington Carver, but he did not let this stop him.
11. George Washington Carver had to _____ hard to achieve success.
12. If something is clean and unpolluted, it is _____ .
13. George Washington Carver is most famous for his work with _____ .
14. Before Carver decided to study plant science, he wanted to be an _____ .
15. George's white foster father was named _____ Carver.
17. The opposite of out.
18. Carver was famous for being a great _____ of uses for peanuts, soybeans and sweet potatoes.
20. Name a plant Carver discovered more than 100 uses for.
22. When George was about 12 years old, he had to _____ 8 miles to school in Neosho, Missouri.
24. George Washington Carver also invented ways to use the _____ _____ .
28. A word for yourself.
29. When he was a little boy, Carver was so good with plants his neighbors called him the _____ _____
32. Sounds like two, but means "also".
33. Dr. Carver believed that _____ person can achieve success.
34. In order to get an education, Carver had to _____ through Missouri, Kansas, and Iowa.
37. When he was an old man, Carver liked to make _____ from various weeds, to drink for his health.
38. An old-fashioned word meaning "to make a mistake".

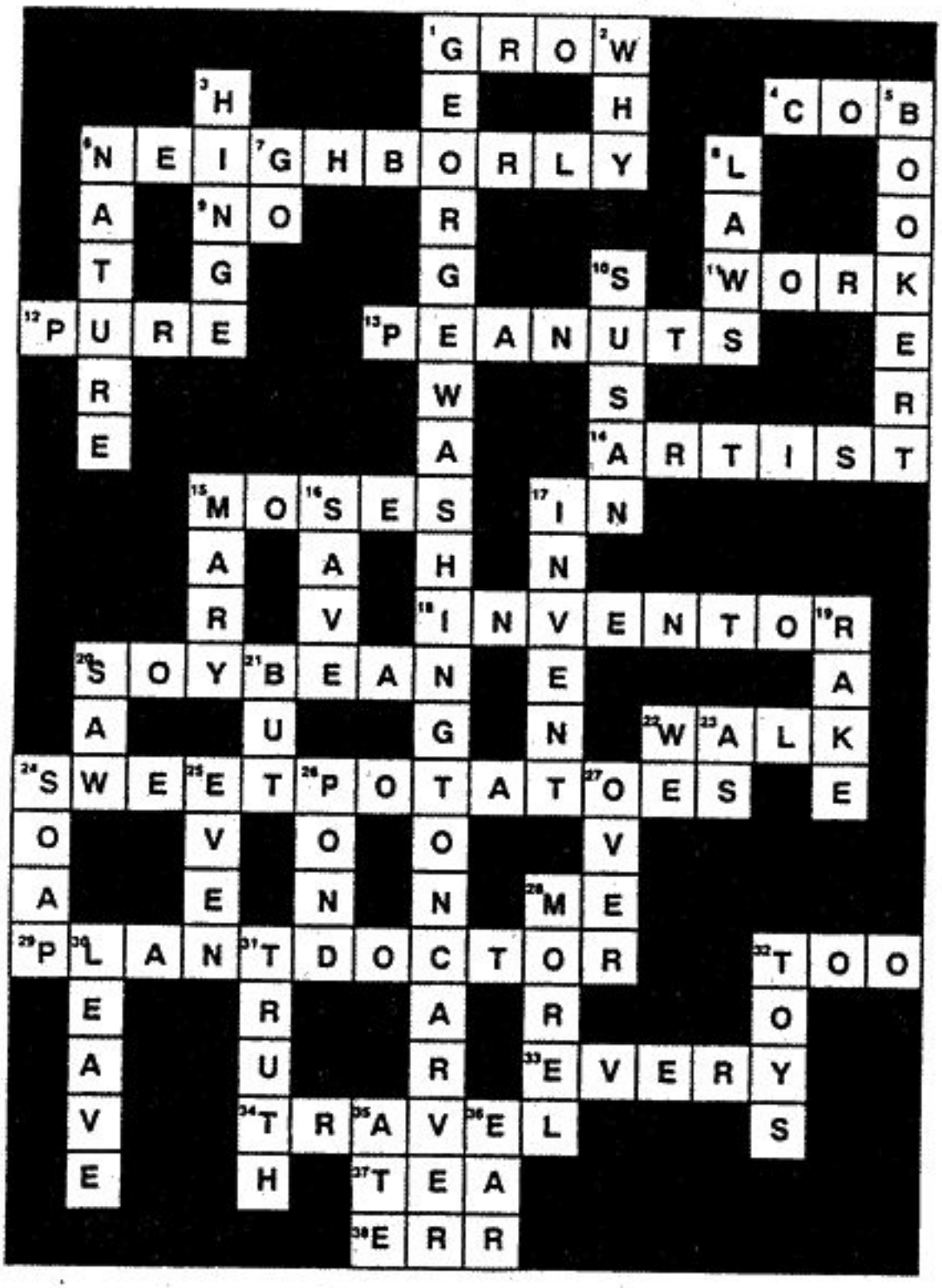
DOWN:

1. The name of a great scientist, teacher, artist and inventor.
2. When he was a boy, Carver often asked this question.
3. Something used to hang a door.
5. _____ __ . Washington hired Carver to work at Tuskegee.
6. George Washington Carver loved to learn about _____ .
7. The opposite of stop.
8. When Carver was born, people had passed _____ that declared slavery was legal.
10. _____ Carver was George's white foster mother, and the wife of 15 across.
15. _____ Carver was the name of George's mother, who was kidnapped by slave raiders.
16. Carver was very frugal, he liked to _____ his money.
17. Carver did this when he thought up 300 ways to use the peanut.
19. George helped with chores. One of the chores may have been to _____ leaves.
20. Carver _____ some scary things when bushwhackers came to the farm.
21. Carver started with nothing, _____ he never quit trying.
22. _____ the people . . .
23. Similar to.
24. Susan Carver made lye from water and wood ashes. She used the lye to make _____ .
25. The opposite of odd.
26. A small body of water. An example is the _____ on the Carver Nature Trail at George Washington Carver National Monument.
27. The opposite of under.
28. A kind of mushroom found in the spring. Carver probably saw these growing in the woods.
30. Carver had to _____ home in order to get an education.
31. Carver believed his work was a search for _____ .
32. Carver was poor as a boy. He did not have many _____ to play with.
35. Carver _____ food like anyone else.
36. To "lend an _____" means to listen.

Crossword Puzzle



Answers to the Crossword Puzzle .



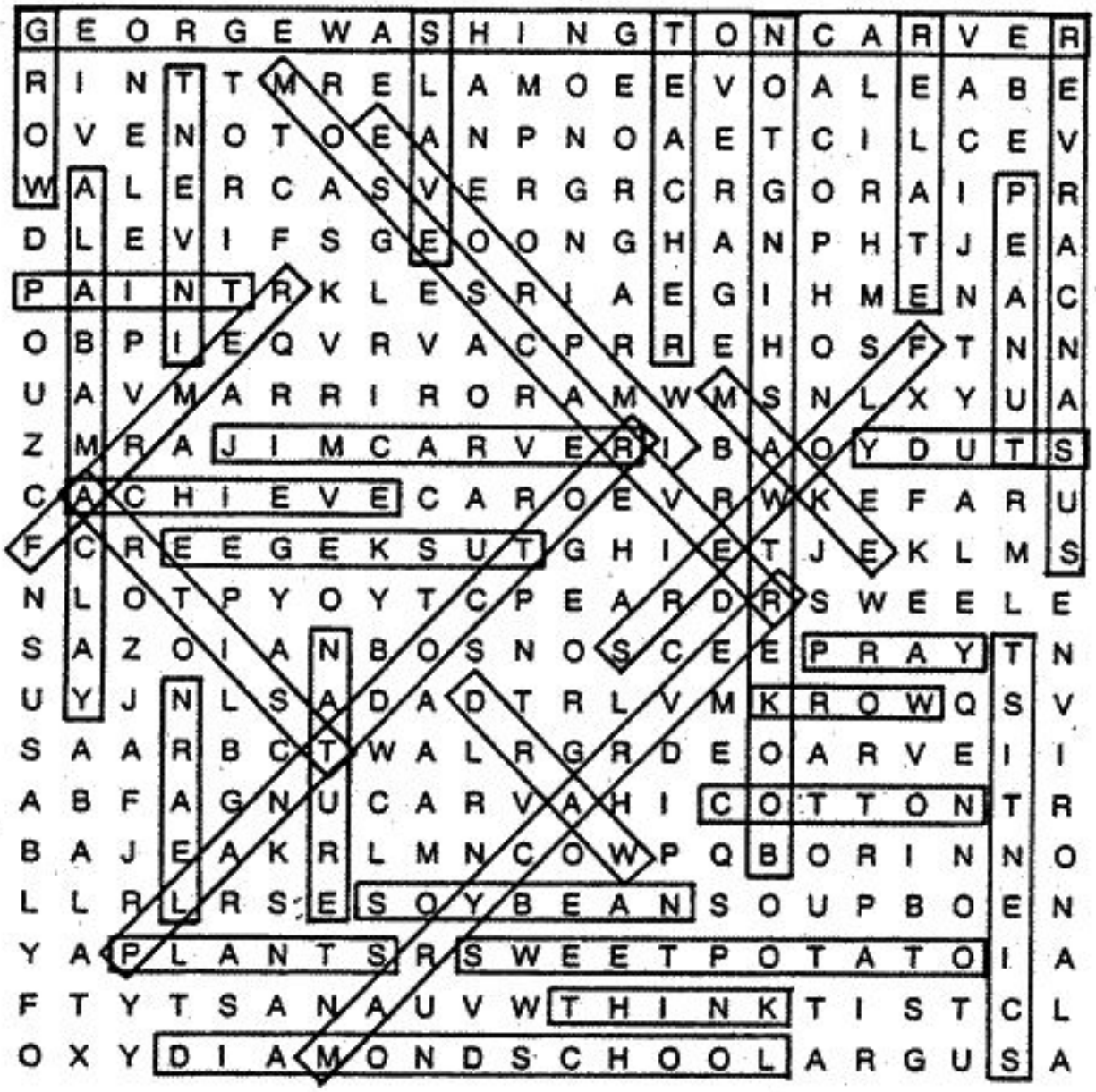
Word Search

Circle these words relating to Dr. Carver and his life. See how many you can find! The words can be horizontal, vertical, or diagonal, in any direction, including backwards.

peanut	learn	soybean	nature
sweet potato	plant doctor	cotton	grow
Alabama clay	improve	plants	farmers
flowers	paint	work	draw
slave	study	scientist	relate
artist	achieve	teacher	make
Mary Carver	invent	Jim Carver	think
Moses Carver	pray	Susan Carver	Tuskegee
Diamond School	George Washington Carver	Booker T. Washington	

G E O R G E W A S H I N G T O N C A R V E R
R I N T T M R E L A M O E E V O A L E A B E
O V E N O T O E A N P N O A E T C I L C E V
W A L E R C A S V E R G R C R G O R A I P R
D L E V I F S G E O O N G H A N P H T J E A
P A I N T R K L E S R I A E G I H M E N A C
O B P I E Q V R V A C P R R E H O S F T N N
U A V M A R R I R O R A M W M S N L X Y U A
Z M R A J I M C A R V E R I B A O Y D U T S
C A C H I E V E C A R O E V R W K E F A R U
F C R E E G E K S U T G H I E T J E K L M S
N L O T P Y O Y T C P E A R D R S W E E L E
S A Z O I A N B O S N O S C E E P R A Y T N
U Y J N L S A D A D T R L V M K R O W Q S V
S A A R B C T W A L R G R D E O A R V E I I
A B F A G N U C A R V A H I C O T T O N T R
B A J E A K R L M N C O W P Q B O R I N N O
L L R L R S E S O Y B E A N S O U P B O E N
Y A P L A N T S R S W E E T P O T A T O I A
F T Y T S A N A U V W T H I N K T I S T C L
O X Y D I A M O N D S C H O O L A R G U S A

Answers to the Word Search.



Name _____

Work each of the equations below. Match the answer with the letter next to it and fill in the blanks above in order to solve the riddle.

Riddle:

How do you divide *9* peanuts between *10* students?

	1,685	563	1,039	1,356	
1,552	1,356	563	741	1,529	755
1,472	1,529	755	755	1,356	1,048!

A: 251 + 312 = ___

B: 850 + 622 = ___

E: 443 + 913 = ___

K: 623 + 416 = ___

M: 967 + 718 = ___

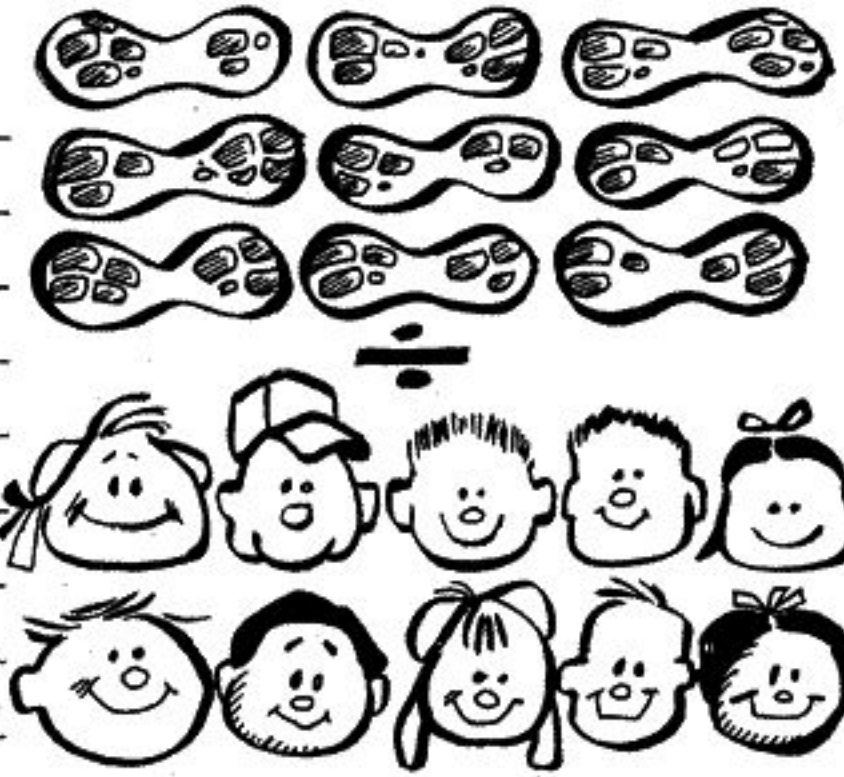
N: 324 + 417 = ___

P: 614 + 938 = ___

R: 115 + 933 = ___

T: 426 + 329 = ___

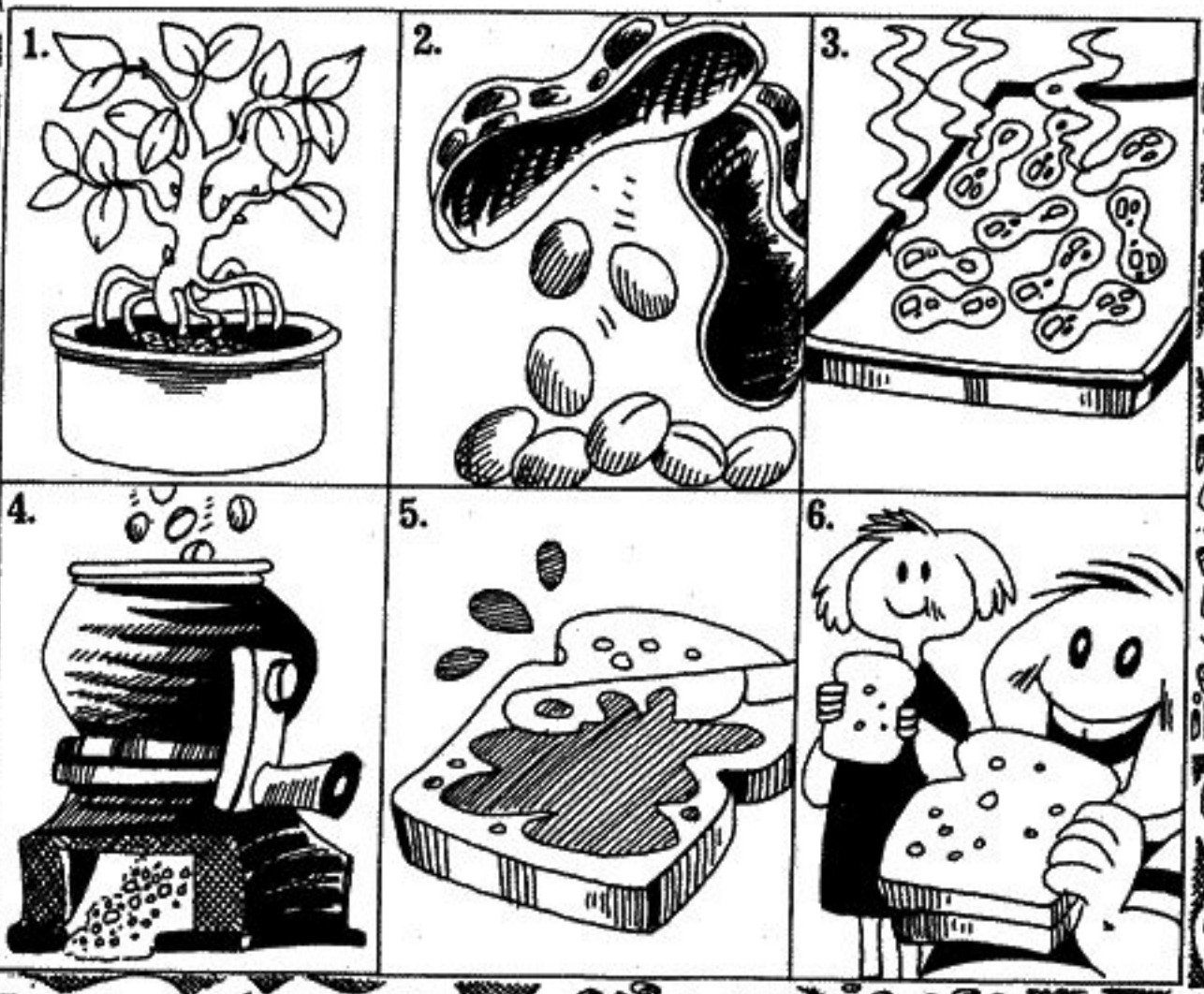
U: 819 + 710 = ___



Making Peanut Butter

Most people buy peanut butter in the store, but it is easy to make. Read this sheet and look at the pictures below. Then decide with your group who will act out each step of making peanut butter.

1. Growing a peanut plant.
2. Picking and shelling peanuts.
3. Roasting peanuts in an oven or microwave.
4. Grinding peanuts into peanut butter.
5. Making peanut butter sandwiches.
6. Eating peanut butter sandwiches.



Name _____

Refer to the nutrition label for peanut butter below and answer the following questions.

Nutrition Facts

Serving Size 2 Tablespoons (32g)
Servings Per container 16

Amount Per Serving	
Calories 190	Calories from Fat 140
	% Daily Value*
Total Fat 16 g	25%
Saturated Fat 2.5 g	14%
Cholesterol 0 mg	0%
Sodium 150 mg	6%
Total Carbohydrate 6 g	2%
Dietary Fiber 1 g	4%
Sugars 3 g	
Protein 8 g	

Vitamin A **	•	Vitamin C **
Calcium **	•	Iron 4%

** contains less than 2 percent of the Daily Value of these nutrients.
* Percent Daily Values are based on a 2,000 calorie diet. Your daily values may be higher or lower depending on your calorie needs:

	Calories:	2,000	2,500
Total Fat	Less than	65g	80g
Sat Fat	Less than	20g	25g
Cholesterol	Less than	300 mg	300mg
Sodium	Less than	2,400mg	2,400mg
Total Carbohydrate		300g	375g
Dietary Fiber		25g	30g

Calories per gram:
Fat 9 • Carbohydrate 4 • Protein 4

1. How many servings are in this jar of peanut butter? _____
2. How many grams of protein are in each serving? _____
3. How many grams of cholesterol are in each serving? _____
4. How many grams of saturated fat are in each serving? _____
5. How many milligrams of sodium are in each serving? _____
6. How many calories are in each serving? _____
7. What percentage of the daily value of fiber is in each serving? _____

FOOD Guide PYRAMID

for Young Children

A Daily Guide for 2- to 6-Year-Olds

U.S. DEPARTMENT OF AGRICULTURE
CENTER FOR NUTRITION POLICY AND PROMOTION

USDA is an equal opportunity provider and employer.

Peanut Bingo

Randomly write the numbers 1 through 34 in the boxes below. Students may win by getting 5 numbers up and down or 7 numbers across.

P E A N U T S

			FREE			

Use peanuts as markers when it is time to play. Good luck!