How to play Goat-Worm-Slug

0	G	A	T	W	R	М	S	L	U
0	1	2	3	4	5	6	7	8	9

In Goat-Worm-Slug each digit in the answer to a problem represents a letter according to the code above.

Materials:

Dry erase boards, markers, erasers

To play:

The dealer gives each player a problem card and everyone works on their answers at the same time. When everyone completes their problems, check the answers with the key. Players with the correct answers get to scratch out letters on their game boards according to the code above.

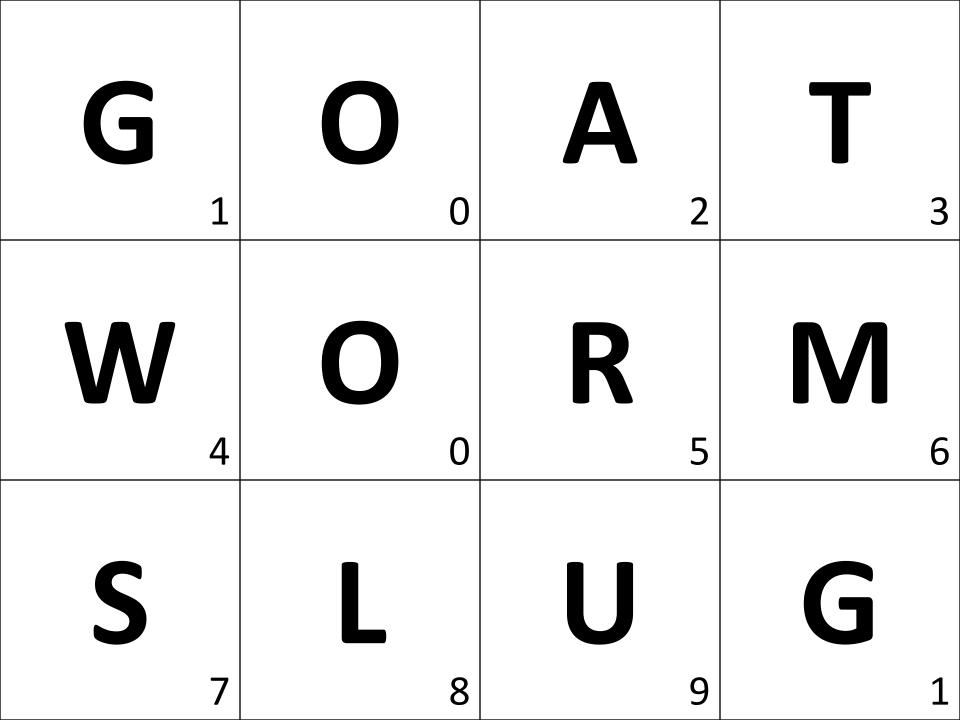
For example, if the answer to a problem is 819, the player can scratch out L,G and U on his/her game board.

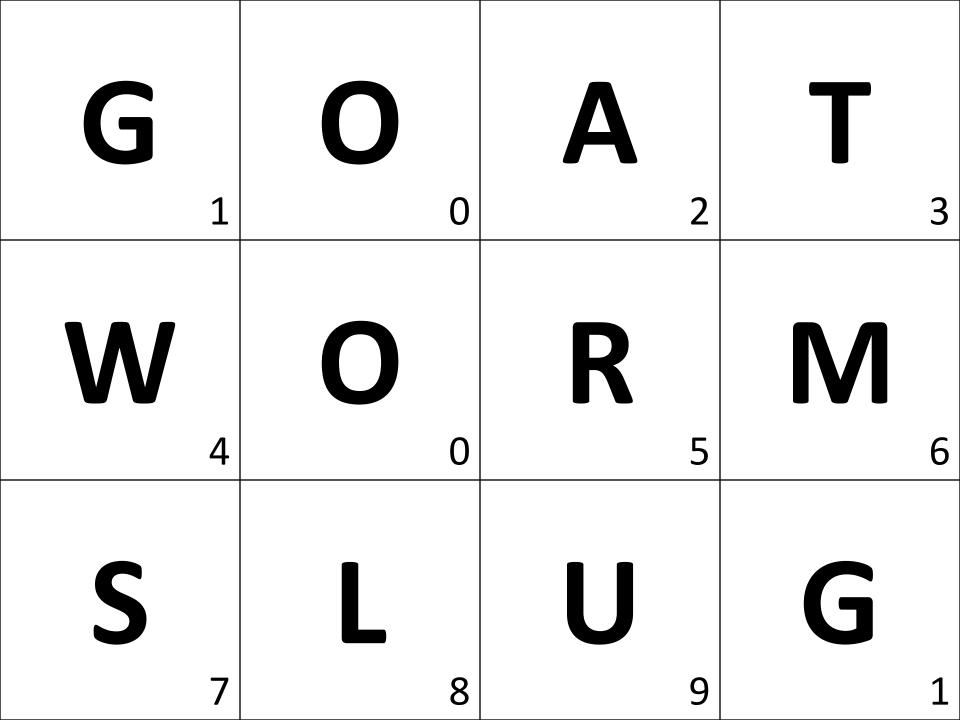
To win:

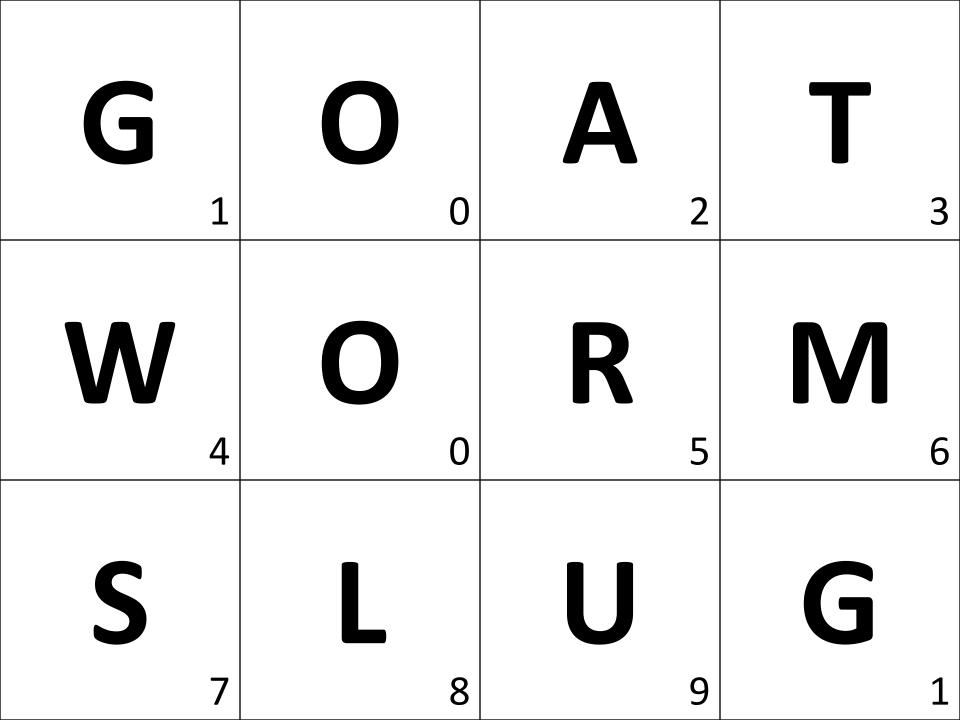
First player to scratch out Goat, Worm and Slug on the game board wins.

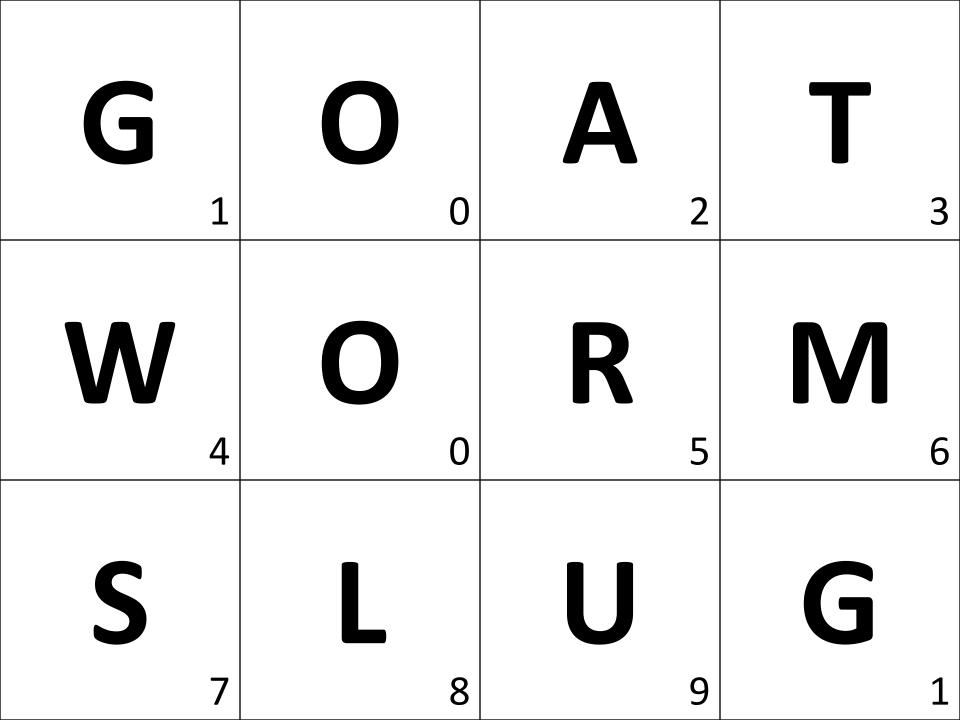
Variation: for a shorter game, first player to scratch out Goat, Worm or Slug wins, or first player to scratch out two words wins.

Printing: Landscape, black and white, one-sided. Laminate scorecards to use dry erase.









5.3.B— Multiplication word problems

8

14

20

26

 $8,782 \times 5 = 43,910$

52 X 80 = 4,160

 $49 \times 55 = 2,695$

8,117 X 2=16,234

7

13

19

25

4,636 X 6 = 27,816

 $4,249 \times 9 = 38,241$

3,923 X 9 = 35,307

65 x 24 = 1,560

Goat Worm Slug											
1	2	3	4	5	6						
435 x 72 = 31,320	7743 X 6 = 46,458	14 X 83 = 1,162	3708 x 2 = 7,416	325 X 54 = 17,550	93 X 65=6,045						

10

16

22

28

77 x 11 = 847

9,630 X 5 = 48,150

256 X 32 = 8,192

163 X 83 = 13,529

9

15

21

27

82 X 60 = 4,920

905 X 80 = 72,400

977 x 45 = 43,965

97 X 64 = 6,208

11

17

23

29

 $804 \times 79 = 63,516$

83 X 24 = 1,992

13 X 18 = 234

986 X 34 = 33,524

12

18

24

30

908 X 47 = 42,676

 $394 \times 71 = 27,974$

6,024 X 8 = 48,192

8,446 X 7 = 59,122

435 ants in every ant bed. She has 72 ant beds in her yard. How many ants would that be?

5.3.B Multi-Digit Multiplication: Word Problems - GWS

4. Anthony works at the zoo.

He has two elephants that,

strange as it may seem, eat

exactly the same amount of

food every day. If one

elephant has eaten 3,708

pounds of food since the

beginning of the month, how

many pounds of food have

1. Abigail read somewhere

that there were an average of

the last 6 days. How many pins is that in all?

5.3.B Multi-Digit Multiplication: Word Problems - GWS 5. Brianna works for a sea

2. Asher's pin factory has

made 7,743 pins for each of

6. Carlotta the Cavity Queen eats WAY too much candy. Last month she ate 93 bags of butterscotch with 65 pieces of butterscotch candy in each bag. How many pieces of butterscotch did she eat?

5.3.B Multi-Digit Multiplication: Word Problems - GWS

3. Finn works at a candy store.

He is packing bags of extra

fancy chocolates. Each bag

filled 83 bags. How many

chocolates is that?

has 14 chocolates, and he has

both elephants eaten?

5.3.B Multi-Digit Multiplication: Word Problems - GWS

5.3.B Multi-Digit Multiplication: Word Problems - GWS

animal rescue group. This

fundraiser called "sponsor a

manatee." For a donation of

\$325, donors could become

manatee. She sold 54 of these

month she had a special

the official sponsor of a

sponsorships. How much

money did she make?

5.3.B Multi-Digit Multiplication: Word Problems - GWS

calories. If you eat 1 Zipper-Ripper a day for 6 days, how many calories would that be?

5.3.B Multi-Digit Multiplication: Word Problems - GWS

10. Alexis is in charge of

77 football squads in the

11 helmets. How many

buy?

buying football helmets for a

large school district. There are

district and each squad needs

helmets does Alexis need to

7. Hamburger Heaven offers a

"Zipper-Ripper." It has 4,636

5-patty burger called the

order for 79 necklaces. How many beads will she need to make all those necklaces?

Sculptures. Each sculpture requires 908 pounds of butter. How much butter has Aniya used on her cow sculptures?

9. Deion is packing up crates

Olympics. Each crate has 60

basketballs, and he is packing

basketballs will that be in all?

5.3.B Multi-Digit Multiplication: Word Problems - GWS

12. Aniya makes sculptures

popular sculpture is a cow.

5.3.B Multi-Digit Multiplication: Word Problems - GWS

out of butter. Her most

She has made 47 cow

of basketballs for the

82 crates. How many

8. An average of 8,782 babies

a day were born in the USA in

1976. How many babies is

5.3.B Multi-Digit Multiplication: Word Problems - GWS

necklaces. Each necklace has

11. Chloe makes colorful

804 beads of all different

colors. She just got a large

5.3.B Multi-Digit Multiplication: Word Problems - GWS

that for 5 days?

Hasmuchia. The Queen of Hasmuchia has 9 daughters, and Esmeralda is making identical jeweled tiaras for the princesses to wear to a festival. Each tiara will have 4,249 sparkling jewels. How many jewels will that be in all?

13. Esmeralda is the jeweler

for the Kingdom of

So far, she has 80 dresses with 905 polka dots each. How many dots is that in all?

15. Minerva loves polka

dotted dresses, but she is very

particular. Each dress must

have exactly 905 polka dots.

5.3.B Multi-Digit Multiplication: Word Problems - GWS 16. The elves at Santa's Candy Cane Factory have a very

efficient process for making

candy canes. They can make

9,630 candy canes a week.

5.3.B Multi-Digit Multiplication: Word Problems - GWS 17. Brianna works for a sea. animal rescue group. So far, she has rescued 83 baby sea otters. They each eat 24 sardines a day for breakfast. How many candy canes is that How many sardines is that each day?

14. Garrison makes specially

designed decks of playing

cards. He hand paints each

card. So far he has made 80

decks and each deck has 52

painted cards has Garrison

cards. How many hand

made?

5.3.B Multi-Digit Multiplication: Word Problems - GWS 18. Muscular Marvin loves doing sit ups. He has done 394 sit ups a day for the last 71 days. How many sit ups is that?

5.3.B Multi-Digit Multiplication: Word Problems - GWS

in 5 weeks?

5.3.B Multi-Digit Multiplication: Word Problems - GWS

5.3.B Multi-Digit Multiplication: Word Problems - GWS

bought 9 new ant farms. Each plastic spiders that he likes to farm had 3,923 ants. How drop on unsuspecting people to annoy them. Albert's best many ants did Aunt Jean buy? as many plastic spiders as Albert. That is SUPER spiders does Emeline have? 5.3.B Multi-Digit Multiplication: Word Problems - GWS

22. Anthony works at the zoo.

He is in charge counting the

spots on the leopards. The

zoo has 32 leopards. If each

leopard has 256 spots, how

in all?

19. Aunt Jean, the ant farmer,

friend Emeline has 55 TIMES you will die instantly! The pills come in bottles of 45 pills each. If you take all the pills in annoying! How many plastic one bottle, how many mosquitos could perish because of you?

5.3.B Multi-Digit Multiplication: Word Problems - GWS 23. Elaine's Exotic food Emporium is running a special on giant chocolate-covered dill pickles for just \$13 a piece! You have 18 cousins, and you many spots will Anthony count would like to get each one of them a giant chocolatecovered pickle. How much is that going to cost you?

20. Annoying Albert has 49

5.3.B Multi-Digit Multiplication: Word Problems - GWS 24. There are 6,024 students in the Hasmuchia Independent School District. The Queen of Hasmuchia would like to buy each student 8 gold-encrusted pencils to start the new school year. How many goldencrusted pencils does she need to buy?

5.3.B Multi-Digit Multiplication: Word Problems - GWS

21. Dr. Sylvia the Scientist has

invented a new mosquito

killing pill. For every pill you

take, 977 mosquitos who bite

cookies for the soccer would like to buy two identical tournament. There are 65 unicorns for her identical twin teams participating and he daughters to ride in the Hasmuchia Independence Day needs to make 24 cookies for parade. She found unicorns each team. How many cookies does Kimber need to on Amazon for \$8,117 a piece. make? How much will it cost her to buy 2?

has 64 flashlights, and he will pack 97 cases. How many flashlights will he pack in all? 5.3.B Multi-Digit Multiplication: Word Problems - GWS

30. Ridiculous Rachel has

started a business raising

grape juice to drink. One

purple lady bugs. She turns

them purple by giving them

gallon of grape juice is enough

purple with 7 gallons of grape

to turn 8,446 ladybugs from

red to purple. How many

ladybugs could she turn

27. Finn works at a

warehouse. He is packing

cases of flashlights. Each case

5.3.B Multi-Digit Multiplication: Word Problems - GWS 28. Anthony works at the zoo. His zoo has 83 monkeys, and each monkey eats 163 pounds of monkey chow in a year.

How many pounds of monkey

25. Kimber was making

5.3.B Multi-Digit Multiplication: Word Problems - GWS 29. Brianna works for a sea animal rescue group specializing in rescuing Manatees. She has rescued 34 Manatees. If the Manatees weighed an average of 986 pounds apiece, how many pounds of Manatee has Brianna rescued altogether?

5.3.B Multi-Digit Multiplication: Word Problems - GWS

chow is that per year?

5.3.B Multi-Digit Multiplication: Word Problems - GWS

26. The Queen of Hasmuchia

juice? 5.3.B Multi-Digit Multiplication: Word Problems - GWS