

How to play Goat-Worm-Slug

O	G	A	T	W	R	M	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 8.19, 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.

G

1

O

0

A

2

T

3

W

4

O

0

R

5

M

6

S

7

L

8

U

9

G

1

G

1

O

0

A

2

T

3

W

4

O

0

R

5

M

6

S

7

L

8

U

9

G

1

G

1

O

0

A

2

T

3

W

4

O

0

R

5

M

6

S

7

L

8

U

9

G

1

G

1

O

0

A

2

T

3

W

4

O

0

R

5

M

6

S

7

L

8

U

9

G

1

Add & Subtract Decimals – Multi-Step Word Probs - Part 1

Goat Worm Slug

Note: Some parts of these materials are taken directly from released STAAR tests Copyright © 2015-2021. Texas Education Agency. All Rights Reserved. Used by Permission.

1. .938 lbs	2. .969 lbs	3. 6.25 ozs	4. 2.56 lbs	5. 6 ozs	6. 3.90 miles
7. 282.91 cm	8. \$493.20	9. 12.38 lbs	10. 1.76 lbs	11. 2.839 inches	12. 6.90 lbs
13. 2.245 ozs	14. 11.40 secs	15. 5.91 miles	16. \$5.81	17. \$3.97	18. .375 lbs
19. 319.87 lbs	20. 101.28°	21. 5.79 miles	22. 23.782 points per game (avg.)	23. 5.733 secs	24. 17.443 yards passing per game (avg)
25. 6.10 miles	26. \$320.72	27. 15.67 points per game (avg.)	28. 136.825 in.	29. 6.75 in.	30. 4.982 lbs.

1

Gracie Goat weighs 9.87 lbs. Her oldest kid weighs 4.73 lbs and her youngest kid weighs 6.078 lbs. How much weight would Gracie have to gain to weigh as much as her two kids together?

Add & Subtract Decimals – Multi-Step Word Probs - Pt. 1 - GWS

2

Landon bought a 5 lb sack of goat chow. His nanny goat ate 1.97 lbs of goat chow and his billy goat ate 2.061 lbs of goat chow. How much goat chow is left in the sack?

Add & Subtract Decimals – Multi-Step Word Probs - Pt. 1 - GWS

3

Jaylen's goat Gracie has a tummy ache. Jaylen bought some special stomach soothing medicine to help Gracie feel better. The medicine came in a 12 oz bottle. Jaylen gave Gracie 2.7 ozs in the morning and 3.05 ozs in the evening. How much medicine is left in the bottle?

Add & Subtract Decimals – Multi-Step Word Probs - Pt. 1 - GWS

4

Isis wants to send her two goats, Galileo and Copernicus, in the mail to visit her brother George in New York. The weight limit to send goats by mail is 40 lbs total. Galileo weighs 24.06 lbs and Copernicus weighs 18.5 lbs. Unfortunately, the goats are over the weight limit. By how much?

Add & Subtract Decimals – Multi-Step Word Probs - Pt. 1 - GWS

5

Maria bought some special goat shampoo so that her goats would have extra shiny hair. It came in an 8 oz bottle. She used 1.07 ozs of the shampoo on Griselda Goat and 0.93 ozs of the shampoo on Gertrude Goat. How much goat shampoo does Maria have left?

Add & Subtract Decimals – Multi-Step Word Probs - Pt. 1 - GWS

6

Carlos likes to take his goat, Gus, jogging every night. Their goal is to jog 10 miles a week. Carlos and Gus jogged 3.13 miles Monday and 2.97 miles on Tuesday. How much farther do Carlos and Gus need to jog this week to meet their goal?

Add & Subtract Decimals – Multi-Step Word Probs - Pt. 1 - GWS

7

Kimber is collecting worms. His goal is to be the first worm collector to collect 500 cm of worms. His first worm is 89.49 cm long. His second worm is 127.6 cm long. How many more centimeters worth of worms does he need to find to meet his goal?

Add & Subtract Decimals – Multi-Step Word Probs - Pt. 1 - GWS

8

Micah makes his living raising and selling worms. Last week he made \$344.87 at his worm shop. This week he made \$206.18. He also spent \$57.85 on worm food this week. How much profit has Micah made from his worm shop in these two weeks?

Add & Subtract Decimals – Multi-Step Word Probs - Pt. 1 - GWS

9

Jeremiah runs a slug removal service. His slug removal vacuum can hold 50 lbs of slug before he has to dump it out. So far today he has vacuumed 31.82 lbs of slugs for one customer and another 5.8 lbs of slugs from a second customer. How many more pounds of slug can he remove before he has to dump out his vacuum?

Add & Subtract Decimals – Multi-Step Word Probs - Pt. 1 - GWS

10

Jasmine hates slugs. Last week she bought a 5 lb bag of slug repellent. She used 1.2 lbs of the repellent last week and she has already used 2.04 lbs of repellent this week. How much slug repellent does she have left in the bag?

Add & Subtract Decimals – Multi-Step Word Probs - Pt. 1 - GWS

11

Alba is sick of the rain. Yesterday it rained 3.957 inches and today it has rained another 1.204 inches. The record for most inches of rain in 3 days is 8 inches. How many inches will it have to rain tomorrow to break the record?

Add & Subtract Decimals – Multi-Step Word Probs - Pt. 1 - GWS

12

Jacob is training for a jello eating contest. His goal is to eat 15 lbs of jello a week to get in shape for the contest. Monday he ate 3.13 lbs of jello, Tuesday he ate 4.97 lbs. How many more lbs of jello does he need to eat this week to meet his goal?

Add & Subtract Decimals – Multi-Step Word Probs - Pt. 1 - GWS

13

Abigail is mixing up a large batch of love potion. She needs 12.5 ozs of crushed rose thorns. She found 3.25 ozs in one jar and another 7.005 ozs in another jar. How many more ounces of crushed rose thorns does she need to pick up at the Witch Supply Store to have enough for her potion?

Add & Subtract Decimals – Multi-Step Word Probs - Pt. 1 - GWS

14

Asher is the official timekeeper for the Weiner Dog Dash. At yesterday's race the first place Weiner Dog finished the dash in 10.93 seconds. The second place Weiner Dog was 0.2 seconds slower, and the third place Weiner dog was 0.27 seconds lower than the second place Weiner Dog. What was the third place Weiner Dog's time?

Add & Subtract Decimals – Multi-Step Word Probs - Pt. 1 - GWS

15

Deion has enough gas in his car to drive 17.5 miles. He drove 7.3 miles to get a hamburger and another 4.29 miles to see a movie. How many more miles can he drive without getting more gas?

Add & Subtract Decimals – Multi-Step Word Probs - Pt. 1 - GWS

16

Alexis is doing some shopping at the Witch Supply Store. She bought a can of crocodile tears for \$8.49 and a dozen spiders for \$2.57. She has earned enough frequent purchaser rewards to get \$5.25 off her purchase. How much will Alexis spend on this purchase if she uses her rewards?

Add & Subtract Decimals – Multi-Step Word Probs - Pt. 1 - GWS

17

Sofia went to the Witch Supply Store and purchased an ounce of crushed rose thorns for \$1.89, a small snake for \$1.19, and about a half inch of fresh lizard tail for \$0.89. How much did Sofia spend at the Witch Supply Store?

Add & Subtract Decimals – Multi-Step Word Probs - Pt. 1 - GWS

18

Mateo and Marta are twins. At birth Mateo weighted 7.5 lbs and Marta weighed 4.875 lbs. Since being born, Marta has gained 2.25 lbs. How much more weight does Marta need to gain to catch up with Mateo?

Add & Subtract Decimals – Multi-Step Word Probs - Pt. 1 - GWS

19

Brooklyn is considering buying a Tiger. The first Tiger she considered weighed 379.64 lbs. The second Tiger she thought about buying weighed 49.7 lbs less. She looked at a third Tiger that weighed 10.07 less than the second Tiger. How much does the third Tiger weigh?

Add & Subtract Decimals – Multi-Step Word Probs - Pt. 1 - GWS

20

Brock doesn't have any air conditioning in his car. When he got in his car after work it was 99.8 degrees. But, he rolled down his windows and by the time he got home it had cooled off 1.6 degrees. But, he parked in the sun, so when he got back in the car the temperature had gone up 3.08 degrees. What is the temperature in Brock's car now?

Add & Subtract Decimals – Multi-Step Word Probs - Pt. 1 - GWS

21

Brooklyn's Tiger got out of its cage and started chasing her little brother, Jamar. Jamar ran 3.84 miles around and around the house trying to get away from the tiger. Then he walked another 0.7 miles to the store to get something to drink because he was thirsty from all that running. Then he walked 1.25 miles to visit his friend Jaime. How far did Jamar travel in all?

Add & Subtract Decimals – Multi-Step Word Probs - Pt. 1 - GWS

22

Alyssa and Melissa are on the basketball team. Alyssa averages 14.06 points per game and Melissa averages 12.958 points per game. The team averages 50.8 points per game. On average, how many points per game do the other players score?

Add & Subtract Decimals – Multi-Step Word Probs - Pt. 1 - GWS

23

Isabella took a three-page test. It took her 75.6 seconds to complete the whole test. She took 28.067 seconds to complete the first page of the test and 41.8 seconds to complete the second page. How long did it take Isabella to complete the third page of the test?

Add & Subtract Decimals – Multi-Step Word Probs - Pt. 1 - GWS

24

Lucas is the quarterback of the football team. He wants to beat his big brother Larry's record for average passing yards per game: 351.85. His first year he averaged 285.897 yards passing per game. This year he averaged 48.51 yards per game more. How much more does he need to improve his average this year to tie his brother?

Add & Subtract Decimals – Multi-Step Word Probs - Pt. 1 - GWS

25

Crystal can fly 20 miles on her broomstick before she has to recharge it. She flew 8.5 miles to the Witch Supply Store. Then she flew 5.4 miles to get a taco. How much farther can she fly before she has to recharge her broomstick?

Add & Subtract Decimals – Multi-Step Word Probs - Pt. 1 - GWS

26

Dayton had \$304.86 in the bank, but he spent \$67.09 on a new magic wand at the Witch Supply Store. But then he got paid \$82.95 for changing his best friend's little brother into a frog. How much money does Dayton have now?

Add & Subtract Decimals – Multi-Step Word Probs - Pt. 1 - GWS

27

Anthony is a star on the basketball team. He scores an average of 26.27 points per game. Martin scores 4.4 points per game less than Anthony, and James scores 6.2 fewer points per game than Martin. How many points per game does James score?

Add & Subtract Decimals – Multi-Step Word Probs - Pt. 1 - GWS

28

Aniyah is in charge of measuring elephants at the zoo. Ernie the Elephant is 135.5 inches tall. Ernestine the Elephant is 8.515 inches taller than Ernie, and Ellie the Elephant is 7.19 inches shorter than Ernestine. How tall is Ellie?

Add & Subtract Decimals – Multi-Step Word Probs - Pt. 1 - GWS

29

Martina is building a shed for her pet pig, Petunia, out of leftover boards she found at a construction site. She needs 40 inches of board. She found one board that was 14.375 inches and another board that was 18.875 inches. How many more inches of board does she need to find to have the 40 inches she needs?

Add & Subtract Decimals – Multi-Step Word Probs - Pt. 1 - GWS

30

Jasmine's broomstick can only carry 100 lbs. Jasmine weighs 93.29 lbs. She bought a jug of dragon's blood at the Witch Supply Store that weighs 1.728 lbs. How many more lbs of witch supplies can she buy before she hits the weight limit of her broomstick?

Add & Subtract Decimals – Multi-Step Word Probs - Pt. 1 - GWS