

AREA DIVISION

COMMON
CORE
ALIGNED

BOOK 4

THREE DIGITS DIVIDED BY TWO

➤ $3,431 \div 73 = 47$

DESIGNED SO THAT ANYONE CAN
SUCCEED AT LONG DIVISION!

FUN ANIMALS WORD PROBLEMS.

47

7

40

73

| |
|--------|
| 3431 |
| - 2920 |

| |
|-------|
| 511 |
| - 511 |

0



NO PREP!

Load Into Google Classroom & Go!



AREA DIVISION

HOW TO USE THIS BOOK



Teachers

- Upload this PDF into your Google Classroom and use individually or in centers.

Students

- Complete each problem, then correct your own work while watching the video tutorials.
- If you do NOT have all your multiplication facts memorized, make sure to watch the entire video. Say the “counting by the numbers” at the end of each video so that you can use this strategy until you memorize all your multiplication facts.
- After each problem, take your paper to your teacher for a final review.

Baby Llamas For Sale

Book 4

Challenge – I

You are raising baby llamas and selling them to llama farms around the world. Your llamas are the cutest. You made \$3,431 by selling 73 llamas. How much do each of your baby llamas cost?

[CLICK HERE
TO VIEW THIS VIDEO](#)

Watch ME

- For this first problem, simply watch how the problem is solved. Relax and focus on the strategies for solving the problem above.
- When the video is complete, copy the problem into your notebook, or on a piece of paper for your teacher.

Baby Llamas For Sale



Your parents just bought a travel-home. Now it's time to hit the road. You're heading across the states. It's 2,924 miles from California to New York. If you go from California to New York in 43-hours, how fast do you drive?

WORK WITH ME

Gather the following materials:

A blank piece of paper

A pencil

Play the video by clicking on the photo.

Pause the video when told.

Copy the problem down on your own paper, and solve it with me.

Pay close attention. Your next challenge will be very similar to this one.

[CLICK HERE
TO VIEW THIS VIDEO](#)

Road Trip



Grand Prix Motorcycle Race

Book 4

Challenge – 3

You and your family go to the Grand Prix Motorcycle Race every year. Each competitor must ride his or her bike 9,732 mile in just 12-days. How many miles must the racers ride their motorcycles each day?

On Your Own

- Solve this problem just as you did in the earlier one.
- Once you have completed this challenge, click on the photo.
- Keep your paper with you while you watch the video.
- If you made a mistake, pause the video and fix your mistake.

That's the fastest way to learn!

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Grand Prix Motorcycle Race



Whale Eating Krill

Book 4 Challenge – 4

This whale is HUGE, but it eats tiny krill. In order to survive, a whale like this must eat 40-million krill per day. That's around 8,016 pounds of krill a day. About how many pounds of krill do whales eat per hour?

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On Your Own

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Deadly Poisonous Frogs

Book 4 Challenge – 5

You are a scientist studying the deadly frogs of South America. These frogs have beautiful colors, but they are deadly. Scientists believe that they are deadly because of the insects that they eat, which includes tiny beetles, termites, and fruit flies. There are 59 frogs eating 8,024 insects. If they all eat the same amount of insects, how many insects does each frog eat?

On Your Own

- Solve this problem just as you did in the earlier one.
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Deadly Poisonous Frogs



Love-Sick Larry

Book 4

Challenge – 6

Larry is love-sick over Lacey. In Larry's mind, Lacey is the prettiest monkey in all of Africa. She has silky brown fur, and deep brown eyes that make Larry's heart go pitter-pat. Larry has been sitting between these two roots for 78 minutes. He has been plucking blades of grass and reciting, "She loves me. She loves me not. She loves me. She loves me not." He just cleared the entire section between the two roots by plucking 6,474 blades of grass. Now, Larry happily looks over to Lacey, because he just finished with the last blade of grass reciting, "She Love Me!"

About how many blades of grass did Larry pluck per minute ?

On Your Own

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White Antelope

Book 4 Challenge – 7

Take a look at the beautiful horns on the white antelope. If you look closely you can see the the horns are formed by rings that grow one upon the next. The horns have a boney core that is surrounded by keratin, which is the similar to the material in your hair or fingers. Each antelope has an average of 87 rings that make up their two horns. If there are 3,741 rings in the entire herd of white antelope, then how many antelopes are in this herd?

On Your Own

- Solve this problem just as you did in the earlier one.
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Kissing Penguins

Book 4 Challenge – 8

Meet Peter and Penelope Penguin. They are African Penguins, and they were just married, so it is only natural that they would be kissing penguins. While at their wedding, the other penguins challenged them to kiss 7,409 times within the first month of the marriage. If this month is 31 days long, how many times must they kiss each day?

On Your Own

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Happy Sheep

Book 4

Challenge – 9

These sheep are as happy as clams. They are looking at the farmer who has brought the shears out to the field, and that can only mean one thing; the farmer is going to cut their wool. Believe me, if you were a sheep on a hot day in August, you too would be excited to be getting a hair cut. The farmer cuts about 9,437 strands of wool off the momma sheep. If he cut about 76 strands of wool with each pass of his electric shears, how many times will he have to run his shears across the momma sheep's body?

On Your Own

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Migrating Zebras

Book 4

Challenge – 10

Zeppy the Zebra is migrating with the rest of his herd, and his friends the wildebeests. If Zeppy trots along at about 19 kilometers per hour, and his destination is 4,329 kilometers away, how long will it take Zeppy and his friends to reach their destination?

On Your Own

- Solve this problem just as you did in the earlier one.
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DRILL & KILL

HERE IS WHERE WE DRILL UNTIL WE KILL ALL OUR MISTAKES!

- The following problems can all be solved with the same strategies we used to solve the first ten problems.
- Solve all four problems on each page.
- Watch the video & correct your work.
- Review your work with your teacher.
 - If you get all 4 problems correct, your teacher may tell you that you're ready to move to the next book within this series.
 - Good Luck!

Drill & Kill

Any Mistakes

1. Complete the 4-problems below.
2. Watch this Video by clicking on the cloud.
 - a) Keep your paper with you while you watch the video.
 - b) If you made a mistake, pause the video and fix your mistake.
 - c) That's the fastest way to learn!

PROBLEM 1 $3,189 \div 47 =$

PROBLEM 2 $4,286 \div 36 =$

PROBLEM 3 $7,947 \div 38 =$

PROBLEM 4 $2,762 \div 93 =$



**CLICK HERE
TO VIEW THIS VIDEO**

Drill & Kill

Any Mistakes

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PROBLEM 1 $5,455 \div 64 =$

PROBLEM 2 $3,879 \div 86 =$

PROBLEM 3 $3,963 \div 47 =$

PROBLEM 4 $2,721 \div 39 =$

**CLICK HERE
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Drill & Kill

Any Mistakes

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PROBLEM 1 $3,594 \div 24 =$

PROBLEM 2 $4,389 \div 18 =$

PROBLEM 3 $6,752 \div 57 =$

PROBLEM 4 $4,988 \div 46 =$

**CLICK HERE
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Drill & Kill

Any Mistakes

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 - b) If you made a mistake, pause the video and fix your mistake.
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PROBLEM 1 $4,992 \div 79 =$

PROBLEM 2 $6,359 \div 58 =$

PROBLEM 3 $8,098 \div 73 =$

PROBLEM 4 $9,176 \div 84 =$

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