

AREA DIVISION

COMMON
CORE
ALIGNED

Book 3

THREE DIGITS DIVIDED BY TWO

➤ $816 \div 17 = 48$

DESIGNED SO THAT ANYONE CAN
SUCCEED AT LONG DIVISION!

FUN ANIMALS WORD PROBLEMS.

48

8

40

17

816
- 680

136
- 136

0

Lion Dentistry



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.

17 Sleeping Lions

Book 3 Challenge – I

You are on a safari in the heart of Africa. You look to the side of your jeep and see 17 sleeping lions. As they sleep they are attacked by 816 buzzing flies that land on them and try to disturb their sleep. If the flies are equally dispersed among the 17 lions, how many flies are on each lion?

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.

[CLICK HERE
TO VIEW THIS VIDEO](#)



Tiger Streak

Book 3

Challenge – 2

You are a scientist studying the mighty tiger on the Asian Continent. You find a streak of 37 tigers? Your team of scientists add all their stripes and find that they have 967 stripes in all. If each tiger has the same amount of stripes, then how many stripes does each tiger have?

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**

Tiger Streak



Lion Dentistry

Book 3

Challenge – 3

You are an animal dentist. You clean teeth on the most dangerous of felons. You have cleaned 946 lion's teeth. If each lion had 43 teeth, then how many lions did you work your dentistry miracle on?

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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Lion Dentistry



Prestigious Mouse Store

Book 3

Challenge – 4

You own a prestigious mouse store. Your mice are the cutest, and people travel from all over the US to buy your mice as pets. You feed your mice peanuts. You purchase 793 peanuts. You have 68 mice in your store. If each mouse eats the same amount of peanuts, how many peanuts does each mouse eat?

On Your Own

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Prestigious Mouse Store



Pink Flamingos

Book 3 Challenge – 5

You and your parents are on vacation in South America. You are visiting a lagoon where there is a flock of pink flamingos. The flamingos are eating shrimp. There are 37 pink flamingos in the flock that you are observing. Together they eat 999 shrimp. If they each eat the same amount of shrimp, how many shrimp does each pink flamingo eat?

On Your Own

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

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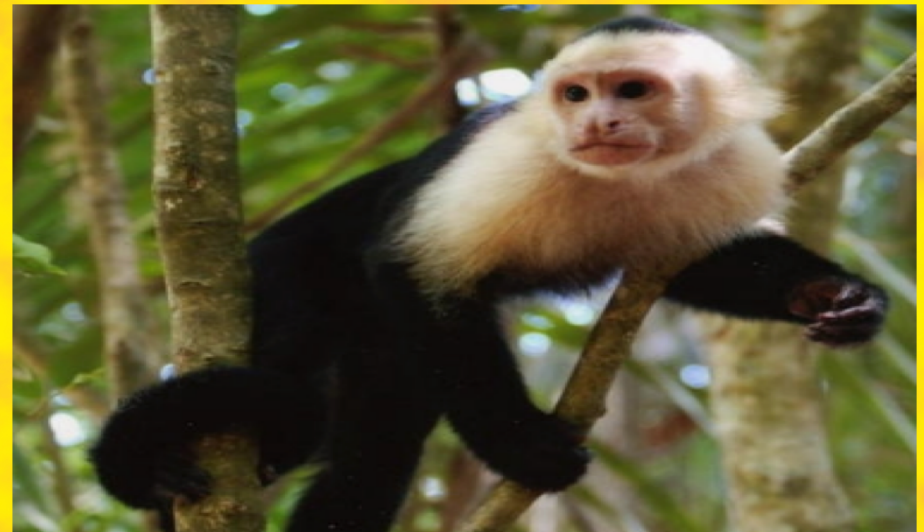
Say hello to Mabel. She is an adorable little monkey who loves nothing more than swing & sing. Mable swings from tree limb to tree limb, while she sings her monkey songs. Last month alone Mabel swung from 638 tree limbs while singing 89 different monkey songs. If Mabel swung from the same amount of trees for each song, about how many tree limbs did Mable swing from for each song?

On Your Own

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Marine Biologist Book 3 Challenge – 7

You are a marine biologist studying the Great Barrier Reef off the coast of Australia. You have studied 406 different varieties of corral on your last 76 dives. If you studied the same amount of corral varieties on each dive, about how many different types of corral did you study on each dive?

On Your Own

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Janet the Incredible Jockey

Book 3

Challenge – 8

Janet is an incredible jockey. She is 5 feet 2 inches tall and weighs 109 pounds, which feels like nothing to her thoroughbred race horse. In order to train for a big race, Janet trains by riding 705 miles in the 47 days leading up to the race. If Janet rides about the same amount of miles each day, how many miles does she ride every day?

On Your Own

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Humberto the Humming Bird

Book 3

Challenge – 9

Humberto is the fastest Humming Bird in all of the Americas. He is faster than any other humming bird from northern tip of Canada to the southern tip of Chile. You take a slow motion video of him and count as his wings flap. They flap 648 times. If Humberto's wings beat 72 times per second, how long is your video?

On Your Own

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A Creak Hike

Book 3

Challenge – 10

It's Father's Day, so you and your brother go on a day hike with your dad. You are hiking up this creek when your brother spots a number of tadpoles. You are amazed at how many tadpoles are in this creek. You decide to count them and find that there are 367 tadpoles in a 34-yard stretch of this creek. About how many tadpoles could you expect to find in each yard of this creek?

On Your Own

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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

$$389 \div 74 =$$

PROBLEM 2

$$426 \div 69 =$$

PROBLEM 3

$$947 \div 18 =$$

PROBLEM 4

$$762 \div 93 =$$

**CLICK HERE
TO VIEW THIS VIDEO**

Drill & Kill

Any Mistakes

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PROBLEM 1

$$455 \div 26 =$$

PROBLEM 2

$$879 \div 85 =$$

PROBLEM 3

$$963 \div 59 =$$

PROBLEM 4

$$721 \div 37 =$$

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Drill & Kill

Any Mistakes

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PROBLEM 1

$$594 \div 46 =$$

PROBLEM 2

$$389 \div 89 =$$

PROBLEM 3

$$652 \div 77 =$$

PROBLEM 4

$$908 \div 65 =$$

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Drill & Kill

Any Mistakes

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PROBLEM 1

$$402 \div 91 =$$

PROBLEM 2

$$669 \div 83 =$$

PROBLEM 3

$$809 \div 36 =$$

PROBLEM 4

$$176 \div 44 =$$

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