

# Area Division

## Book 3



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Book 3

❑ THREE DIGITS DIVIDED BY TWO

➤  $816 \div 17 = 48$

❑ DESIGNED SO THAT ANYONE CAN  
SUCCEED AT LONG DIVISION!

❑ FUN ANIMALS WORD PROBLEMS.

Lion Dentistry



48

8

40

17

816  
- 680

136  
- 136

0




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FUN WORD PROBLEMS  
DESIGNED SO THAT ANYONE CAN SUCCEED!

# Area Division

## Challenge 1

### Lions & Flies








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?**

 **Play the video** by clicking on the photo of  **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 parent or teacher.

# Area Division

## Challenge 2



### Tigers & Stripes

You are a scientist studying the mighty tiger on the Asian continent. You find a **streak of 37 tigers** . Your team of scientists adds all their stripes and finds that they have **967 stripes in total**.


**? If each tiger has the same number of stripes, how many stripes does each tiger have?**




### WORK WITH ME

 **Play the video** by clicking on the photo of  **Tiger**.

 **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.

# Area Division

## Challenge 3

### 🦷 🦁 Lion Dentistry

You are an animal dentist. You clean teeth on the most dangerous of felines. Over time, you have cleaned **946 lion teeth** 🦁 🦷.

**? If each lion has 43 teeth, how many lions have you worked your dentistry miracle on?**

◆ On Your Own Challenge! ◆

✅ Complete this problems first 🖋️ 📄

▶ Then, 👉 Click on 🦁 Lion's photo to watch the video and check your answer! 🎥 🐾



# Area Division

## Challenge 4

### 🐭 Mice & Peanuts

You own a prestigious **mouse store** 🏪🐭. Your mice are the cutest, and people travel from all over the US to buy them as pets. You feed your mice **793 peanuts** 🥜. There are **68 mice** in your store.

❓ If each mouse eats the same number of peanuts, how many peanuts does each mouse eat?

◆ On Your Own Challenge! ◆

✅ Complete this problems first 📝



▶ Then, 👉 Click on 🐭 Mouse's photo to watch the video and check your answer! 🎥🐾



# Area Division

## Challenge 5

### **Flamingos & Shrimp**

You and your parents are on vacation in **South America** . You visit a lagoon where there is a **flock of pink flamingos**. The flamingos are feasting on **999 shrimp** . There are **37 flamingos** in the flock you are observing.

**? If they each eat the same amount of shrimp, how many shrimp does each flamingo eat?**

◆ **On Your Own Challenge!** ◆

 **Complete this problems first**  


 Then,  **Click on the**  **Flamingo's photo to watch the video and check your answer!**  






# Area Division Challenge 6






## Mabel the Monkey's Swinging & Singing

Say hello to **Mabel**! She is an adorable little monkey  who loves nothing more than to **swing & sing** 🎵. Last month alone, Mabel swung from **638 tree limbs** while singing **89 different monkey songs**.

 If Mabel swung from the same number of tree limbs for each song, about how many tree limbs did she swing from per song?

◆ On Your Own Challenge! ◆

 Complete this problems first  



 Then,  Click on  Mabel the Monkey's photo to watch the video and check your answer!  



# Area Division

## Challenge 7

### Coral Reef Exploration

You are a marine biologist  studying the **Great Barrier Reef** off the coast of Australia. You have studied **406 different varieties of coral**  on your last **76 dives**.

**? If you studied the same number of coral varieties on each dive, about how many different types of coral did you study per dive?**

◆ On Your Own Challenge! ◆

 Complete this problems first  

 Then,  Click on  Coral Reef's photo to watch the video and check your answer!  






# Area Division

## Challenge 8



### Janet the Jockey's Training Miles

Janet is an **incredible jockey** . She is **5 feet 2 inches tall** and weighs **109 pounds**, which feels like nothing to her thoroughbred racehorse. In order to train for a big race, Janet **rides 705 miles** in the **47 days** leading up to the race.

**? If Janet rides about the same number of miles each day, how many miles does she ride daily?**

◆ On Your Own Challenge! ◆

✓ Complete this problems first  



▶ Then,  Click on  Janet the Jockey's photo to watch the video and check your answer!  



# Area Division

## Challenge 9


### Humberto the Hummingbird's Wings

Humberto is the **fastest hummingbird** in all of the Americas . You take a **slow-motion video**  of him and count his wing flaps. His wings flap **648 times** in total.

**? If Humberto's wings beat 72 times per second, how long is your video?**

◆ On Your Own Challenge! ◆

 Complete this problems first  

 Then,  Click on  Humberto the Hummingbird's photo to watch the video and check your answer!  



# Area Division

## Challenge 10

### 🐸 Tadpoles in the Creek

It's **Father's Day**, so you and your brother go on a **day hike** 🥾 with your dad. As you hike along a **creek**, your brother spots a **bunch of tadpoles** 🐸. You decide to count them and find **367 tadpoles** in a **34-yard stretch** of the creek.

? About how many tadpoles could you expect to find in each yard of the creek?

◆ On Your Own Challenge! ◆

✅ Complete this problems first 🖋️ 📄

▶️ Then, 👉 Click on 🐸 Creek's photo to watch the video and check your answer! 🎥 🐾





# DRILL & KILL






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



The following problems can all be solved using the same **strategies** we used in 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 correct, your parent or teacher might tell you that you're ready to move to the next book in this series! 



# Drill & Kill!



## Challenge 11

PROBLEM 1

$$389 \div 74 =$$

PROBLEM 2

$$426 \div 69 =$$

PROBLEM 3

$$947 \div 18 =$$

PROBLEM 4

$$762 \div 93 =$$



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◆ On Your Own Challenge! ◆

✓ Complete these problems first  

▶ Then, Click on the [TeachersDungeon Logo](https://www.teachersdungeon.com) to watch the video and check your answer!  



# Drill & Kill!



## Challenge 12

<u>PROBLEM 1</u>	$455 \div 26 =$
<u>PROBLEM 2</u>	$879 \div 85 =$
<u>PROBLEM 3</u>	$963 \div 59 =$
<u>PROBLEM 4</u>	$721 \div 37 =$



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◆ On Your Own Challenge! ◆

✓ Complete these problems first

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# Drill & Kill!



## Challenge 13

<u>PROBLEM 1</u>	$594 \div 46 =$
<u>PROBLEM 2</u>	$389 \div 89 =$
<u>PROBLEM 3</u>	$652 \div 77 =$
<u>PROBLEM 4</u>	$908 \div 65 =$



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◆ On Your Own Challenge! ◆

✓ Complete these problems first

▶ Then, Click on the [TeachersDungeon Logo](https://www.teachersdungeon.com) to watch the video and check your answer!





# Drill & Kill!



## Challenge 14

<u>PROBLEM 1</u>	$402 \div 91 =$
<u>PROBLEM 2</u>	$669 \div 83 =$
<u>PROBLEM 3</u>	$809 \div 36 =$
<u>PROBLEM 4</u>	$176 \div 44 =$



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◆ On Your Own Challenge! ◆

✓ Complete these problems first  

▶ Then, Click on the [TeachersDungeon Logo](https://www.teachersdungeon.com) to watch the video and check your answer!  