



AREA MULTIPLICATION

2 X 3 DIGIT (IE: 94 X 368)

Common
Core
Aligned

Includes 26 PROBLEMS
EACH ONE IS LINKED TO A VIDEO TUTORIAL



$$\begin{array}{r} 94 \times 368 \\ 368 \\ 4 \quad \boxed{1472} \\ 90 \quad \boxed{+ 33120} \\ \hline 34,592 \end{array}$$

No
PREP!
Designed
So
Anyone
Can
Multiply!



AREA MULTIPLICATION



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.

Olivia Ostrich

Book 2

Challenge 1

OLIVIA OSTRICH gets riled easily. As a matter of fact, Olivia screeches, flaps her wings, and stomps her feet every time she does not get her way. Some people say that she acts like a 3 year old having a temper tantrum. Last year, Olivia had 63 temper tantrums each and every day. How many temper tantrums did Olivia have in the past 365 days?

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.



Photo by
Chris LaCroix

Cameel & Kamel the Singing Camels

Book 2

Challenge – 2

Meet **CAMEEL & KAMEL the SINGING CAMELS**. They are a brother and sister team that travel all over the world singing their beautiful melodies. They sing 74 songs at each concert. Cameel and Kamel are scheduled to perform 456 concerts. How many songs will they sing?

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.



Photo by chevalgal

STONE COLD KELLY

Book 2

Challenge 3

STONE COLD KELLY is a killer. You can't blame her. After all, she is an alligator, and alligators have to eat. However, Stone Cold Kelly only eats shrimp. She loves the taste of shrimp so much that she eats 85 shrimp at each meal. How many shrimp will Stone Cold Kelly eat during her next 547 meals?



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!

SANDY STARFISH

Book 2

Challenge 4

SANDY STARFISH thinks that she is a human being. Each morning she makes her way to the edge of the tank and holds her head up high. She spreads her arms and moves her legs so that it looks like she is walking. When people enter the aquarium, they say "Holy Cow! That Starfish looks like a real person!" Sandy Starfish takes 638 steps each time a new group of people enter the aquarium. If the aquarium gets 93 groups of people each day, how many steps does Sandy Starfish complete each day?

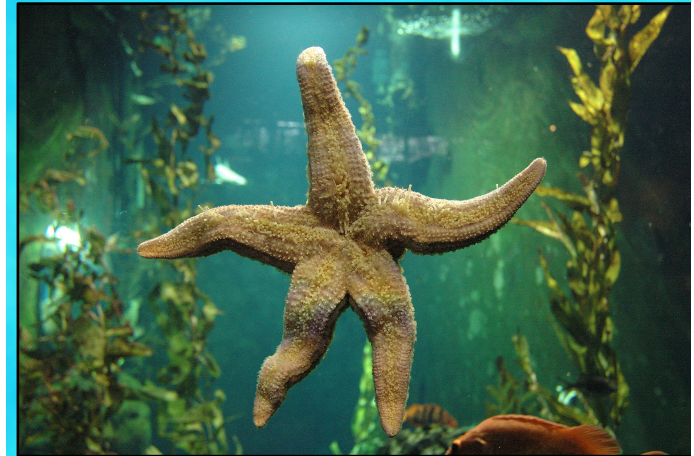


Photo by Chris van ES

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!

JEREMIAH THE BARK LICKING GIRAFFE

Book 2

Challenge 5

JEREMIAH THE BARK LICKING GIRAFFE

loves the taste of bark. His absolute favorite bark is from the acacia tree. Jeremiah clears the bark from 39 different acacia trees each and every day. How many trees has Jeremiah eaten the bark from in the past 729 days?

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!



Photo by
Kym Parry

Thor ^{the} Thirsty Rhino

Book 2

Challenge 6

THOR THE THIRSTY RHINO is searching for a watering hole. He has traveled 48 miles over the past 7 hours. While he walks, Thor pants like a dog. He does this to stay cool in the hot African savanna. If Thor pants 898 times every mile that he walks, how many times has he panted while searching for water?



Photo by Iwan Boin

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!

Ollie the Owl

Book 2

Challenge 7

Meet **OLLIE THE OWL**. Ollie is always on the hunt for some tasty mice. He soars over the midnight skies, searching the forest floor. Ollie flaps his wings 57 times every minute that he hunts. Over the past three weeks, Ollie has hunted 987 minutes. How many times has Ollie the Owl flapped his wings while hunting during the past three weeks?

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!



Photo by Joanna Vidad

Comfortable Ted the Comfort Seeking Grizzly!

Book 2

Challenge 8

COMFORTABLE TED the **COMFORT SEEKING GRIZZLY** is in search of the perfect chair. After his mother read Goldilocks to him, Comfortable Ted made it his mission to find the perfect chair. He wants one that is not too hard, not too soft, but perfect. Each time he finds a potential seat, Ted sits for exactly 64 seconds. So far, Comfortable Ted tested 298 stumps, dirt mounds, branches, boulders, and even a car bumper or two. How many seconds has Comfortable Ted sat on various chairs?



Photo by
Chad Littlejohn

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!

CAPTAIN BART EAGAN THE BALD EAGLE

Book 2

Challenge 9

CAPTAIN BART EAGAN THE BALD

EAGLE is fed up with the cold, cold weather in Alaska. He wants to move to sunny California. Captain Bart's plan is to make the trip in 4 days, which means he must fly 637 mile each day. If Captain Bart flaps his wings 73 times every mile, how many times will he flap his wings each day?

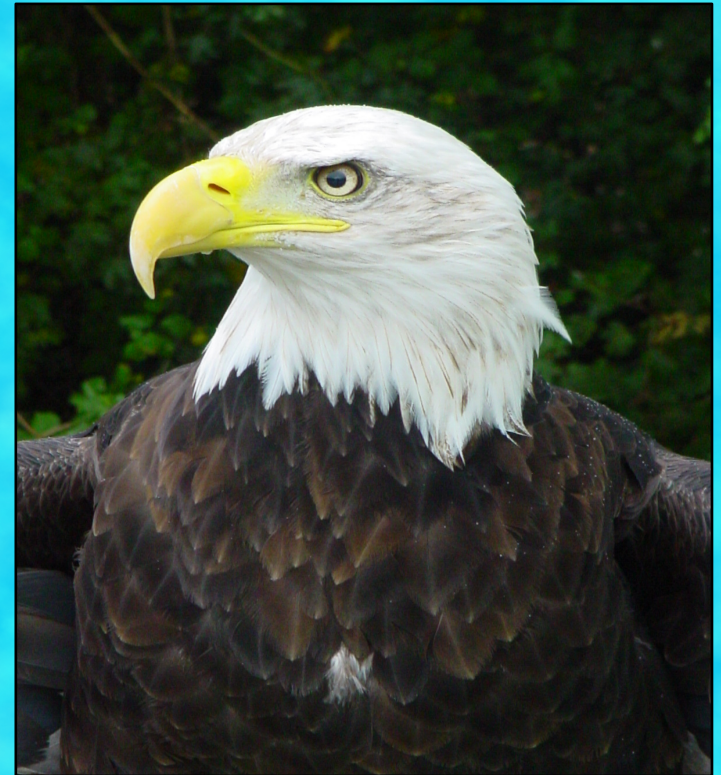


Photo by Skyro

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!

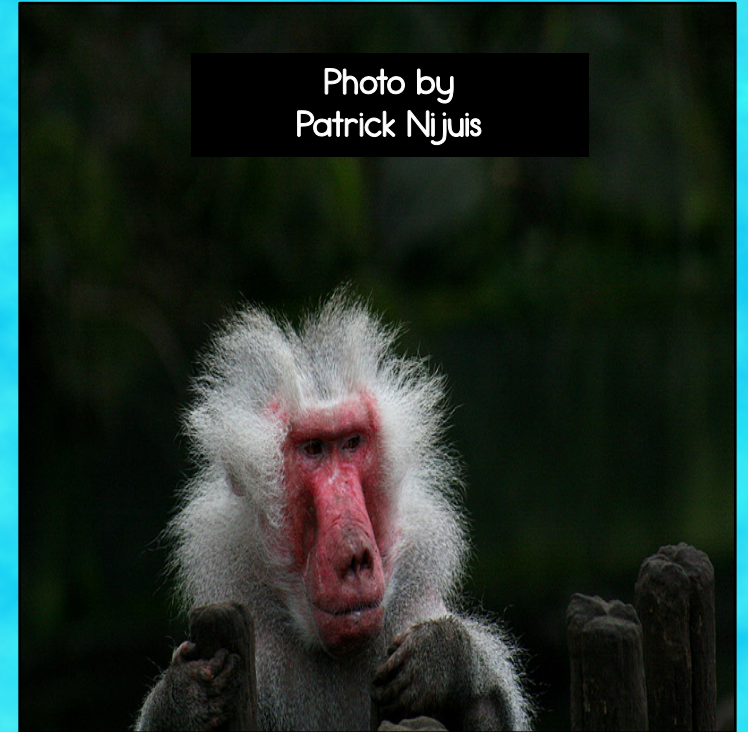
Albert Baboon Einstein

Book 2

Challenge 10

ALBERT BABOON EINSTEIN is an inventor. He is constantly trying to solve the problems of the Baboon World. So far, he has created 546 different baboon inventions. Like the human Einstein, Albert Baboon Einstein had a number of failures before perfecting each invention. If he had 84 failures for each invention, how many failures has Albert Baboon Einstein had in all?

Photo by
Patrick Nijuis



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!

CHAPTER 2

More Practice

- 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!

Area Multiplication
Challenge II

CHALLENGE A

$$48 \times 796$$

CHALLENGE B

$$29 \times 857$$

CHALLENGE C

$$38 \times 432$$

CHALLENGE D

$$76 \times 643$$

THIS IS AN
ON YOUR OWN PROBLEM

Complete these Problems, then, [Click Here to watch the Video!](#)

Area Multiplication
Challenge 12

CHALLENGE A

$$57 \times 756$$

CHALLENGE B

$$38 \times 837$$

CHALLENGE C

$$46 \times 693$$

CHALLENGE D

$$85 \times 949$$

THIS IS AN
ON YOUR OWN PROBLEM

Complete these Problems, then, Click Here to watch the Video!

Area Multiplication
Challenge 13

CHALLENGE A

$$92 \times 391$$

CHALLENGE B

$$67 \times 804$$

CHALLENGE C

$$83 \times 737$$

CHALLENGE D

$$81 \times 619$$

THIS IS AN
ON YOUR OWN PROBLEM

Complete these Problems, then, [Click Here to watch the Video!](#)

Area Multiplication
Challenge H

CHALLENGE A

$$31 \times 826$$

CHALLENGE B

$$75 \times 384$$

CHALLENGE C

$$96 \times 536$$

CHALLENGE D

$$54 \times 409$$

THIS IS AN
ON YOUR OWN PROBLEM

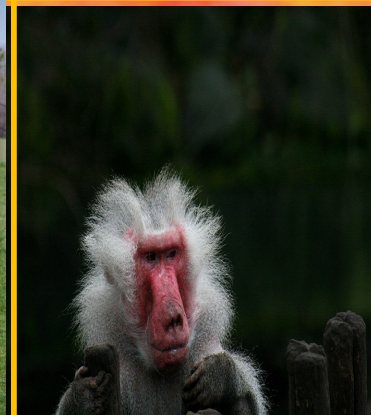
Complete these Problems, then, [Click Here to watch the Video!](#)

A SPECIAL THANKS TO ALL THE PHOTOGRAPHERS FROM
FREEIMAGES.COM

WHO ALLOWED ME TO USE THEIR AMAZING PICTURES TO CREATE THIS BOOK!

Photos by:

Chris LaCroix, chevalgal, Marcelo Gerpe, Chris van ES,
Kym Parry, Iwan Boin, Joanna Vidad, Chad Littlejohn,
Skyro, and Patrick Nijuis



Terms of Use

Thank you for your purchase! By purchasing this resource, you are agreeing that the contents are the property of Brian McCoy and **licensed to you only for classroom/personal use as a single user**. I retain the copyright, and reserve all rights to this product.

YOU MAY:

- Use items (free and purchased) for your own classroom students, or your own personal use.
- Reference this product in blog posts, at seminars, professional development workshops, or other such venues PROVIDED there is both credit given to myself as the author and a link back to my TPT store is included in your post/ presentation.
- Distribute and make copies of **free items only** to other teachers PROVIDED there is credit given to Brian McCoy and a link back to my TPT store.

YOU MAY NOT:

- Claim this work as your own, alter the files in any way, or remove/attempt to remove the copyright/watermarks.
- Sell the files or combine them into another unit for sale/free.
- Post this document for sale/free elsewhere on the internet (this includes
- Google Doc links on blogs).
- Make copies of purchased items to share with others is strictly forbidden and is a violation of the Terms of Use, along with copyright law.
- Obtain this product through any of the channels listed above.

Thank you for abiding by universally accepted codes of professional ethics while using this product.

If you encounter an issue with your file, notice an error, or are in any way experiencing a problem, please contact me and I will be more than happy to help sort it out!

Thank you Brian McCoy

