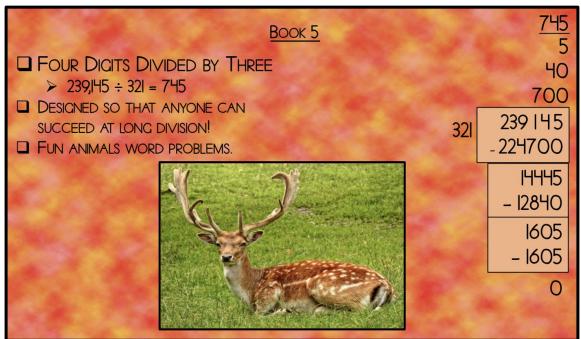
Area Division Book 5







FUN WORD PROBLEMS
DESIGNED SO THAT ANYONE CAN SUCCEED!

Mission to the Moon!

You recently joined the **Junior NASA Club of America**. As a member, you get to board a **rocket ship** and fly to the **moon!** You will land on the moon and stay there for **24 hours** before returning home. The moon is **239,145 miles** from Earth, and your rocket ship flies at **321 miles per hour**.

- ? How long will it take you to reach the moon?
- Play the video by clicking on the photo of Mission to the Moon
- **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** \leq the problem into your **notebook**
- or on a **piece of paper** for your parent or teacher.





It's your mom's birthday, so you decide to bake her a cake! You grab the sugar but—oh no!—the bag rips, spilling 56,566 granules of sugar all over the kitchen floor.
If each scoop of the dustpan picks up 768 granules...

? How many scoops will you need to clean up the mess?



- Play the video by clicking on the photo of the 🎂 Sugar Spill Disaster.
- 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.



The Great Ant Eater Escape!

The largest ant colony in the U.S. is in California, running 560 miles along the coast. Now imagine 246 Australian Anteaters escape from the zoo and start devouring ants as fast as they can. Before being caught, they eat 44,034 ants!

? If they all eat the same amount, how many ants did each ant eater consume?

- On Your Own Challenge!
- Complete this problems first 📏 📄
- Then, Click on The Great Ant Eater's photo to watch the video and check your answer!



Bats vs. Mosquitoes!

You live on **Silver Lake**, where swimming is amazing! But there's a problem—**327,294 mosquitoes** attack you whenever you go outside. **Luckily, 342 bats** live nearby and **love** to eat mosquitoes.

? If each bat eats the same amount, how many mosquitoes must each bat eat to clear the skies?

- On Your Own Challenge!
- ✓ Complete this problems first
- Then, Click on Bats vs. Mosquitoes' photo to watch the video and check your answer!



🐾 Meerkat Scorpion Defense!

Your home is under attack! 244,942 scorpions are racing down the hill toward your house. But you're prepared—you raise 147 meerkats, and scorpions are their favorite snack!

? How many scorpions must each meerkat eat to protect your home?

- On Your Own Challenge!
- **✓** Complete this problems first **♦**
- Then, Click on the Meerkat's photo to watch the video and check your answer!



% Burgess the Brilliant Buck!

Meet Burgess Buck, aka Burgess the Brilliant! He has a huge rack of antlers, making him the envy of other bucks and hunters alike. But Burgess is too smart—he's outwitted 72,349 hunters over the past 237 days.

? How many hunters has Burgess tricked per day?

- On Your Own Challenge!
- Complete this problems first \
- Then, Click on § Burgess the Brilliant Buck's photo to watch the video and check your answer!



****** Marcella the Monarch's Windy Day!

Daniella found a monarch butterfly on her front porch and named her Marcella. On a windy day, Marcella must flap her wings 21,286 times in 186 seconds just to stay airborne!

? How many times does Marcella flap her wings per second?



- On Your Own Challenge!
- **✓** Complete this problems first **♦**
- Then, Click on Marcella the Monarch's photo to watch the video and check your answer!

% Salina the Singing Giraffe!

Meet Salina the Singing Giraffe! While other giraffes eat, Salina sings—and her voice is so beautiful that lions stop hunting just to listen! Over 792 hours, Salina has saved 84,593 animals from being chased by lions.

? How many animals per hour did Salina save?

- On Your Own Challenge!
- **✓** Complete this problems first **♦**
- Then, Click on Salina the Singing Giraffe's photo to watch the video and check your answer!





Meet Danika the Dancing Vulture! Her favorite song is "The Hokey Pokey", and she dances like crazy! Over the past 465 hours, Danika has shaken her feet, wings, head, and tail feathers 36,851 times.

? On average, how many times per hour did Danika dance?

- On Your Own Challenge!
- **✓** Complete this problems first **♦**
- Then, Click on **Y** Danika the Dancing Vulture's photo to watch the video and check your answer!



The Lone Tree's Growth!

Take a look at this **lonely tree** standing tall on a ridge. Over the past **364 days**, it has worked hard **soaking in the sun** and growing **93,734 leaves**.

? If it produced the same amount of leaves each day, how many leaves did it grow per day?

- On Your Own Challenge!
- Complete this problems first \
- Then, Click on Creek's photo to watch the video and check your answer!





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



Challenge 11

<u>PROBLEM I</u> $93,189 \div 678 =$

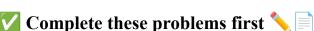
PROBLEM 2 $74,286 \div 646 =$

PROBLEM 3 $37,947 \div 568 =$

PROBLEM 4 $12,762 \div 439 =$















Challenge 12

PROBLEM I $53,455 \div 642 =$

 $37,879 \div 837 =$ PROBLEM 2

 $83,963 \div 473 =$ PROBLEM 3

PROBLEM 4 $21,721 \div 361 =$





- On Your Own Challenge! •
- Complete these problems first \(\)
- Then, Click on the Teachers Dungeon Logo to watch the video and check your answer! 🎥 🐾



📚 Drill & Kill! 🧠 🕹



Challenge 13

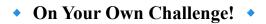
PROBLEM I $33,594 \div 469 =$

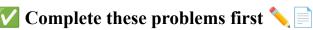
 $44,389 \div 378 =$ PROBLEM 2

PROBLEM 3 $66,752 \div 707 =$

PROBLEM 4 22,988 ÷ 256 =















Challenge 14

PROBLEM I $94,992 \div 809 =$

 $76,009 \div 879 =$ PROBLEM 2

 $58,098 \div 368 =$ PROBLEM 3

 $49,176 \div 764 =$ PROBLEM 4





- On Your Own Challenge!
- Complete these problems first \(\)
- Then, Click on the Teachers Dungeon Logo to watch the video and check your answer! 🎥 🐾