

Area Multiplication

Book 4



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$$694 \times 6,368$$

6368

4

25472

90

573120

600

3820800

4,419,392

FUN WORD PROBLEMS
DESIGNED SO THAT ANYONE CAN SUCCEED!

Area Multiplication Challenge 1

🐼🎯 **Hide and Go Seek Zeek** is all about **having fun!** His favorite activity? **Playing hide & seek.** 🧑 Zeek plays for **9,463 seconds** every day—that's just under **3 hours!** ⌚

👉 If Zeek played **every day for one year (365 days)**, how many seconds did he spend **playing hide & seek?**

▶ **Play the video** by clicking on the photo of 🐼🎯 **Hide and Go Seek Zeek.**

👁️📺 **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.



Photo by Kevin Lafferty

Area Multiplication Challenge 2

🦎🥬 **Ignacio the Lettuce-Sharing Iguana** is the **friendliest iguana** in all of **Brazil!** 🌿 He always shares his lettuce with **smaller iguanas**. Over the past **749 days**, Ignacio has shared **2,977 pieces of lettuce** every single day.

👉 How many pieces of **lettuce** did **Ignacio** share **altogether**?

📝💡 **WORK WITH ME**

▶ **Play the video** by clicking on the photo of 🦎🥬 **Ignacio the Lettuce-Sharing Iguana**.

⏸ **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
Patrik Affentranger

Area Multiplication

Challenge 3

🦁💤 Meet the Lazy Lion Pride! They nap more than **any other pride of lions** in the African Savanna. 🌍 Each morning, this group of lions finds a **comfortable branch** and **sleeps for exactly 9,876 seconds**.

👉 How many seconds will this pride of lions nap during the next **243 mornings**?

◆ On Your Own Challenge! ◆

✅ Complete this problems first 📝

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



Photo by
Mary-Anne v d byl

Area Multiplication Challenge 4

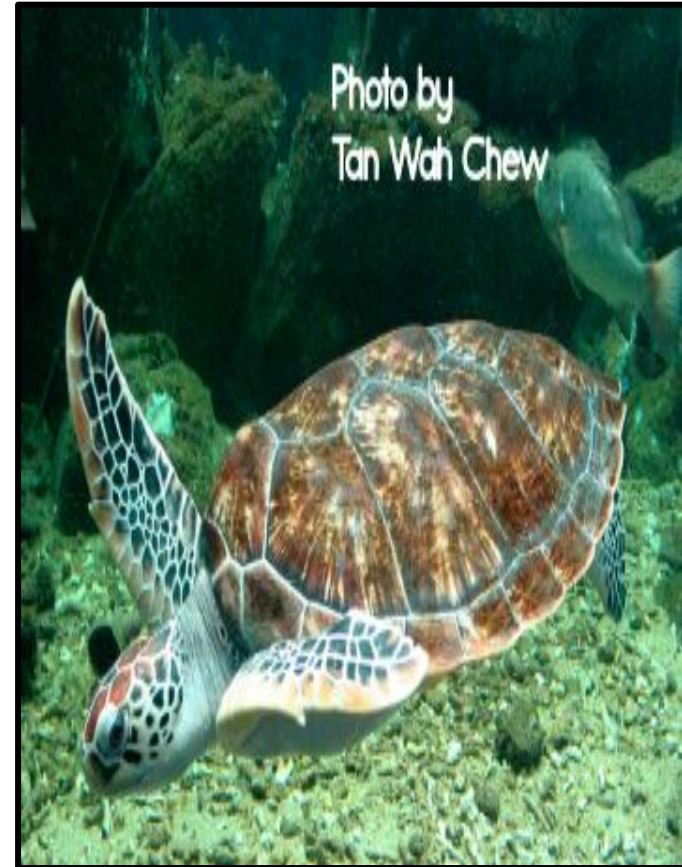
🐢💥 **Soaring Sandy the Daredevil Sea Turtle** is fearless! 🦈 When she sees a **great white shark**, instead of swimming away, **Sandy charges at it!** She **headbutts the shark** 🌊 to protect her children. For the past **164 days**, her ocean has been flooded with **7,538 great white sharks**.

👉 If Sandy had to **defend her children from each and every shark once a day**,
how many times did **she headbutt a great white in the past 164 days?**

◆ **On Your Own Challenge!** ◆


✅ **Complete this problems first** 🖋️📄

▶️ Then, 👉 **Click on** 🐢💥 **Soaring Sandy the Daredevil Sea Turtle's photo**
to watch the video and check your answer! 🎥🐾



Area Multiplication

Challenge 5

 **Rhett Rhino** wants to **grow up to be just like his dad!** His dad is the **sheriff** of the **African Plains**. 🌿 Whenever zebras, gazelles, warthogs, or even lions have disputes, Rhett's dad comes to the rescue. 🦓🦁 Rhett's dad has been the sheriff for **794 days**, solving **5,806 disputes** each day.

👉 How many disputes has **Rhett Rhino's dad** solved in all?

◆ **On Your Own Challenge!** ◆






✅ **Complete this problems first** 

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



Photo by Leslie Van Veenhuizen

Area Multiplication Challenge 6

  **Geraldine the Daydreaming Giraffe can't stop thinking** about her boyfriend!  All day long, she daydreams about their future together—getting married, finding a nice patch of savanna, and raising 10 to 15 baby giraffes.   Geraldine daydreams for 8,673 seconds every single day. How many seconds has **Geraldine the Daydreaming Giraffe** spent dreaming over the past 439 days?

 How many seconds has **Geraldine the Daydreaming Giraffe** spent dreaming over the past 439 days?

◆ On Your Own Challenge! ◆

 Complete this problems first  

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



Area Multiplication Challenge 7

🐉💀 **Kilroy the Komodo Dragon is dangerous.** 😬 They don't call him Kilroy for nothing! He hunts deer, pigs, and even water buffalo 🦌🐷 for food. Though he **only eats once a month**, he devours **3,456 ounces** of meat per meal. 🍖 That's **over 180 pounds!**

👉 How many **ounces of meat** has **Kilroy the Komodo Dragon** eaten in his past **369 meals**?

◆ **On Your Own Challenge!** ◆

✅ **Complete this problems first** 🖋️📄

▶ Then, 👉 Click on 🐉💀 **Kilroy the Komodo Dragon's** photo to watch the video and check your answer! 🎥🐾



Photo by
Nicholas Hinks

Area Multiplication

Challenge 8

🐱📷 **Martha Lyn the Mountain Lion** is a **model!** 🏔️ She wears no makeup, yet her eyes are lined with rich black fur, her mouth is accented in white, and her cheekbones pop! 📷 **Photographers from all over the world** come to **capture her beauty**. Over the past **573 days**, Martha Lyn has had **6,394 pictures taken** each day.

👉 How many pictures have been taken of **Martha Lyn the Mountain Lion?**

◆ **On Your Own Challenge!** ◆

✅ **Complete this problems first** 📝

▶ Then, 👉 **Click on** 🐱📷 **Martha Lyn the Mountain Lion's** photo to watch the video and check your answer! 🎥🐾



Photo by
Scott Snyder

Area Multiplication

Challenge 9

🐃⚖️ **BUFFALO BILL** lives in **Wyoming!** 🌄 He's a **massive** buffalo, weighing **2,186 pounds**.

👉 If there are **382 male buffaloes** in his herd, each **weighing the same as Buffalo Bill**, how much would the entire herd weigh altogether?

◆ **On Your Own Challenge!** ◆

✅ **Complete this problems first** 📝

▶ Then, 👉 **Click on** 🐃⚖️ **BUFFALO BILL's** photo to watch the video and check your answer! 🎥🐾



Photo by
Kym Parry

Area Multiplication

Challenge 10

🐝🍖 **Hector Hornet is always on the move!** 🦋 He constantly **flies from here to there**, searching for food. His favorite? **Ribeye steak** 🥩, which he steals from unsuspecting picnickers. 🧺 Hector **flaps his wings 1,496 times every minute.**

👉 ** If it takes him **276 minutes** to find a **picnicker having ribeye steak**, how many times will Hector flap his wings?

◆ **On Your Own Challenge!** ◆

✅ **Complete this problems first** 🖋️ 📄

▶ Then, 👉 **Click on** 🐝🍖 **Hector Hornet's photo to watch the video and check your answer!** 🎥 🐾



Photo by
Jacqueline Bobeldijk



More Math Challenges!



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! 



More Math Challenges!



Challenge 11

CHdLLøNGe A $748 \times 5,796$	CHdLLøNGe B $629 \times 6,857$
CHdLLøNGe C $538 \times 9,432$	CHdLLøNGe D $876 \times 4,643$



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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!



More Math Challenges!



Challenge 12

CHALLENGE A $157 \times 3,986$	CHALLENGE B $438 \times 2,897$
CHALLENGE C $246 \times 1,324$	CHALLENGE D $385 \times 5,038$



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◆ On Your Own Challenge! ◆

✓ Complete these problems first

▶ Then, Click on the **TeachersDungeon Logo** to watch the video and check your answer!





More Math Challenges!



Challenge 13

CHALLENGE A $592 \times 1,391$	CHALLENGE B $867 \times 4,804$
CHALLENGE C $683 \times 7,337$	CHALLENGE D $781 \times 6,219$



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◆ On Your Own Challenge! ◆

✓ Complete these problems first

▶ Then, Click on the **TeachersDungeon Logo** to watch the video and check your answer!





More Math Challenges!



Challenge 14

CHALLENGE A $631 \times 8,026$	CHALLENGE B $475 \times 3,484$
CHALLENGE C $396 \times 5,636$	CHALLENGE D $954 \times 4,679$



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◆ On Your Own Challenge! ◆

✓ Complete these problems first

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