

Algebraic Expressions

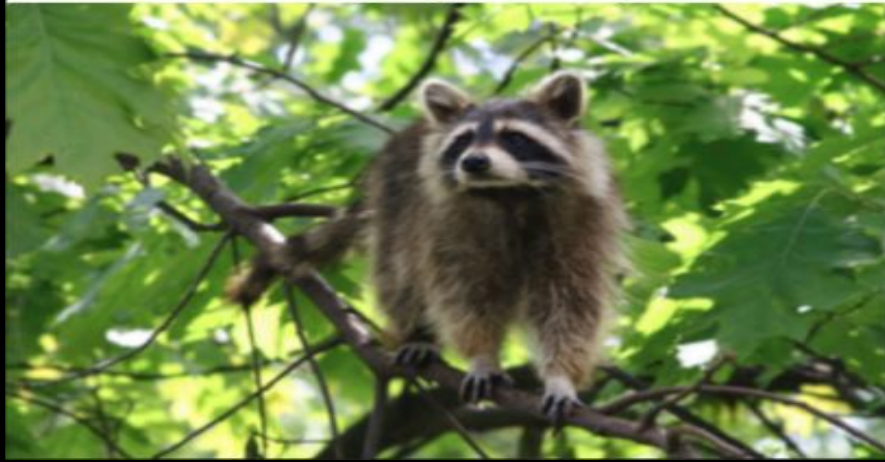
Book 1



TeachersDungeon.com

Book 1**RENLY RACCOON****Challenge 1**

Renly Raccoon is a professional thief. He steals food from unsuspecting campers. Yesterday, he stole **eight times the quantity of a number less three** of picnic baskets. Let P stand for the picnic baskets that Renly Raccoon stole.

$$8(P-3)$$


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FUN WORD PROBLEMS
DESIGNED SO THAT ANYONE CAN SUCCEED!

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.

✓ Click on 👉 the photo to watch 👁️ this video. 🐾

Algebraic Expressions - Challenge 1



Renly Raccoon's Picnic Basket Heist!

Renly Raccoon is a professional thief. He steals food from unsuspecting campers. Yesterday, he stole **eight times the quantity of a number less three** of picnic baskets. Let **P** stand for the picnic baskets that Renly Raccoon stole.



Your Challenge:

Write an expression that represents the short story about Renly Raccoon.



WORK WITH

Algebraic Expressions - Challenge 2

ME

▶ **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. 🐾



Montana the Lily-Loving Moose!



Montana the Lily-Loving Moose is constantly chomping on lily pads. The other day, Montana ate **nine more than twice a number** of lily pads. Let L stand for the lily pads that Montana ate.



Your Challenge:



Write an expression that represents the short story about Montana Moose.

Algebraic Expressions - Challenge 3

◆ On Your Own ◆

✓ Complete this problems first



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

🐼 **Pamila the Singing Panda!** 🎤



Pamila the Singing Panda is quite the talented bear. She sings while she chews on her favorite meal of bamboo. Today, Pamela is planning on singing **a number of songs divided by 3, plus twelve**. Let S stand for the songs that Pamila is going to sing.

? **Your Challenge:**

✎ Write an expression that represents the short story about Pamila.

Algebraic Expressions - Challenge 4

◆ On Your Own ◆

✓ Complete this problems first



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



🐘 Edward Elephant's Thirsty Adventure! 💧

Edward Elephant is always thirsty. He loves nothing more than a cool drink of water from the stream. Each day, Edward drinks **seven trunkfuls of water minus eight**. Let **T** stand for a trunkful of water.

? **Your Challenge:**

✎ Write an expression that represents the short story about Edward Elephant.

Algebraic Expressions - Challenge 5

◆ On Your Own ◆

✓ Complete this problems first



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



🦜 Tommy Toucan's Tasty Meal! 🍴🍽️

Tommy Toucan eats a variety of fish, lizards, frogs, and snakes. Today, he ate **four less than a number of snakes times five, plus six times a number of lizards**. Let X represent the snakes and lizards that Tommy Toucan ate.

? Your Challenge:



Write an expression that represents the short story about Tommy Toucan.

Algebraic Expressions - Challenge 6

◆ On Your Own ◆

✓ Complete this problems first



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



🐰 Bellatrix Bunny's Escape Plan! 🏃‍♀️

Bellatrix Bunny is always running for her life. Predators like foxes, hawks, and mountain lions are constantly trying to eat her. This week, she outran **21 times a number of hawks, plus three less than a number times twelve of mountain lions**. Let **P** represent the predators that Bellatrix Bunny outran.

? Your Challenge:



Write an expression that represents the short story about Bellatrix Bunny.

Algebraic Expressions - Challenge 7

◆ On Your Own ◆

✓ Complete this problems first



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



🦀 **Sandy the Side-Stepping Crab!** 🦶

Sandy the Side-Stepping Crab scurries this way and that when she is catching her food. Today, she scurried to the right and **ate a number of fish eggs divided by four**, then she scurried to the left and **ate five more than a number times eight of snails**. Let **F** represent the food that Sandy the Side-Stepping Crab ate.

? **Your Challenge:**



Write an expression that represents the short story about Sandy the Side-Stepping Crab.

Algebraic Expressions - Challenge 8

◆ On Your Own ◆

✓ Complete this problems first



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



🦊 Rachel the Racing Red Panda! 🏁

Rachel the Racing Red Panda is training for the National Cross Country Race. Rachel trains every day. She **runs over sixteen less than a number of logs divided by two**, and then she **jumps over five less than a number of boulders**. Let Y represent the obstacles that Rachel runs and jumps over.

? Your Challenge:



Write an expression that represents the short story about Rachel the Racing Red Panda.

◆ On Your Own ◆

Algebraic Expressions - Challenge 9

✓ Complete this problems first



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



🐷 Mack the Muck's Muddy Rolls! 🌊

Mack the Muck loves nothing more than wallowing in the wet mud. When he finds a patch of mud, he **rolls one less than a number of times to the right**, then he **rolls three times a number minus eighteen to the left**. Let **R** represent rolls that Mack the Muck completes while wallowing in the mud.

? Your Challenge:



Write an expression that represents the short story about Mack the Muck.

Algebraic Expressions - Challenge 10

◆ On Your Own ◆

✓ Complete this problems first



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



Zippy the Zebra's Speedy Sprint! ⚡

Zippy the Zebra is the fastest colt in his herd. Every day he runs across the African Plains, zipping one way and then dodging another. Today, Zippy **zipped 89 times a number plus nine**, then he **dodged a number of times divided by seven**. Let **Z** represent the zipping and dodging.

? **Your Challenge:**



Write an expression that represents the short story about Zippy the Zebra.