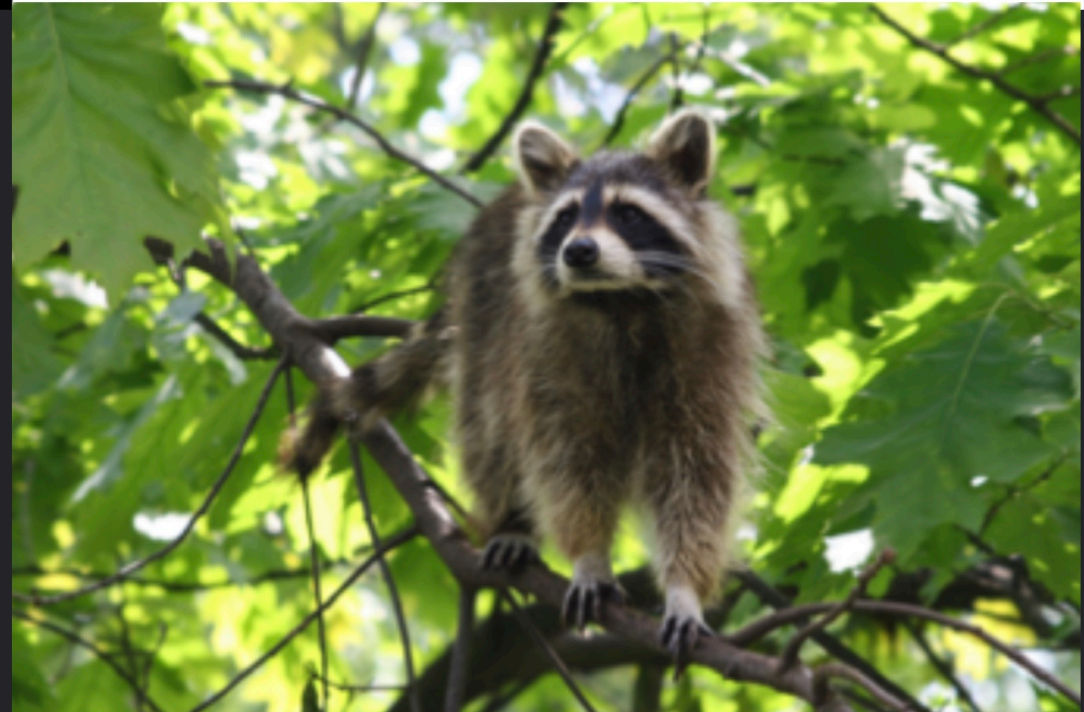


ALGEBRAIC EXPRESSION

Book 1

- Each Problem has its own Video Tutorial!
- Students solve real-world problems!
- Warning - My problems are more fun than real.

Book 1	RENLY RACCOON	CHALLENGE 1
<p>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.</p>		
$8(P-3)$		





ALGEBRAIC EXPRESSION



HOW TO USE THIS BOOK

Teachers

- Upload this PDF into your Google Classroom.

Students

- Complete each problem.
- Correct your own work, while watching the video tutorials.
- After correcting your work, take your paper to your teacher for a final check.

RENLY RACCOON

BOOK 1

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.

Your Challenge:

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

THIS IS A
WATCH ME PROBLEM
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THIS PROBLEM
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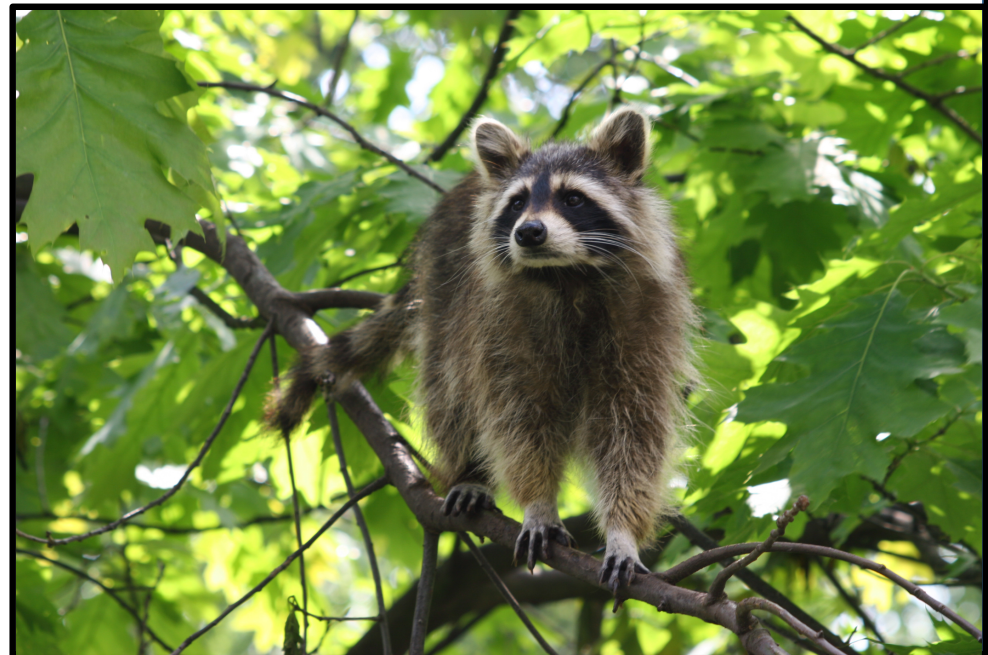


Photo by Justine FC

MONTANA THE LILY LOVING MOOSE

BOOK 1

CHALLENGE 2

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 the Lily Loving Moose ate.

Your Challenge:

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

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Pamila the Singing Panda

BOOK 1

CHALLENGE 3

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 the Singing Panda is going to sing.

Your Challenge:

Write an expression that represents the short story about Pamila.



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Photo by Kim Vilardi

EDWARD ELEPHANT

BOOK 1

CHALLENGE 4

Edward Elephant is always thirsty. He loves nothing more than a cool drink of water from this 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.

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TOMMY TOUCAN

BOOK 1

CHALLENGE 5

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.

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BELLATRIX BUNNY

BOOK 1

CHALLENGE 6

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 outruns.

Your Challenge:

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

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SANDY THE SIDE-STEPPING CRAB

BOOK 1

CHALLENGE 7

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.

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RACHEL the RACING Red Panda

BOOK 1

CHALLENGE 8

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 the Racing Red Panda runs and jumps over.

Your Challenge:

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

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Mack the Muck

Book 1

Challenge 9

Mack the Muck love 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.

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ZIPPY THE ZEBRA

BOOK 1

CHALLENGE 10

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.

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