

Eaton's 1910 drawing of *Pteranodon longiceps*. From: Hankin, E. H. and D. M. S. Watson. 1914. On the flight of Pterodactyls. *The Aeronautical Journal*, 18: 324-335.



# INTRODUCTION

I did not know exactly at what level to pitch the math, so I made it third-grade (more or less). I suspect they are mostly too easy. Let me know at [tdurwood@gmail.com](mailto:tdurwood@gmail.com) and I can devise a new set or two.

I resisted the idea of sticking to one grade level for the vocabulary, so a number of words will probably need to be explained. My hope is that the illustrations will hook the students and they will want to learn what happens next (so much so that they learn the big words). Your advice is welcome.

Originally, I had facts about the dinosaurs and the Mesozoic and Jurassic eras included, but it seemed to clutter the quest-for-a-birthday-party storyline. If you think your students would like science as well as math, I am writing new adventures and would be very happy to generate a science-based story.

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# CONTENTS



Story 1 ... Nushan has an idea  
Solutions 1

Story 2 ... Fishing in the Panthalassic Sea  
Solutions 2

Story 3 ... A volcano  
Solutions 3

Story 4 ... Clouds spell disaster  
Solutions 4

Story 5 ... Meeting a Megalodon  
Solutions 5

Story 6 ... Sidd Bart's birthday party  
Solutions 6

Answer key







# Nushan Has an Idea

“Sidd’s birthday is next month,” said Nushan, the Pterosaur, in between bites.

“Sidd Bart.”

“Ik frik culy ado,” replied Bandar, a blue sparrow-looking hawk.

“That’s easy for you to say,” said Nushan. “But it really won’t make much difference if we’re not actually there.”

“Myztha tasoo?” asked Bandar.

“Three weeks. Around that,” answered Nushan.

Bandar grunted. He shook out his wings. Nushan peered into the sky.

“We should go.”

Nushan spread her crimson wings, making a leathery sound. A warm wind rose, from the west, moving east.

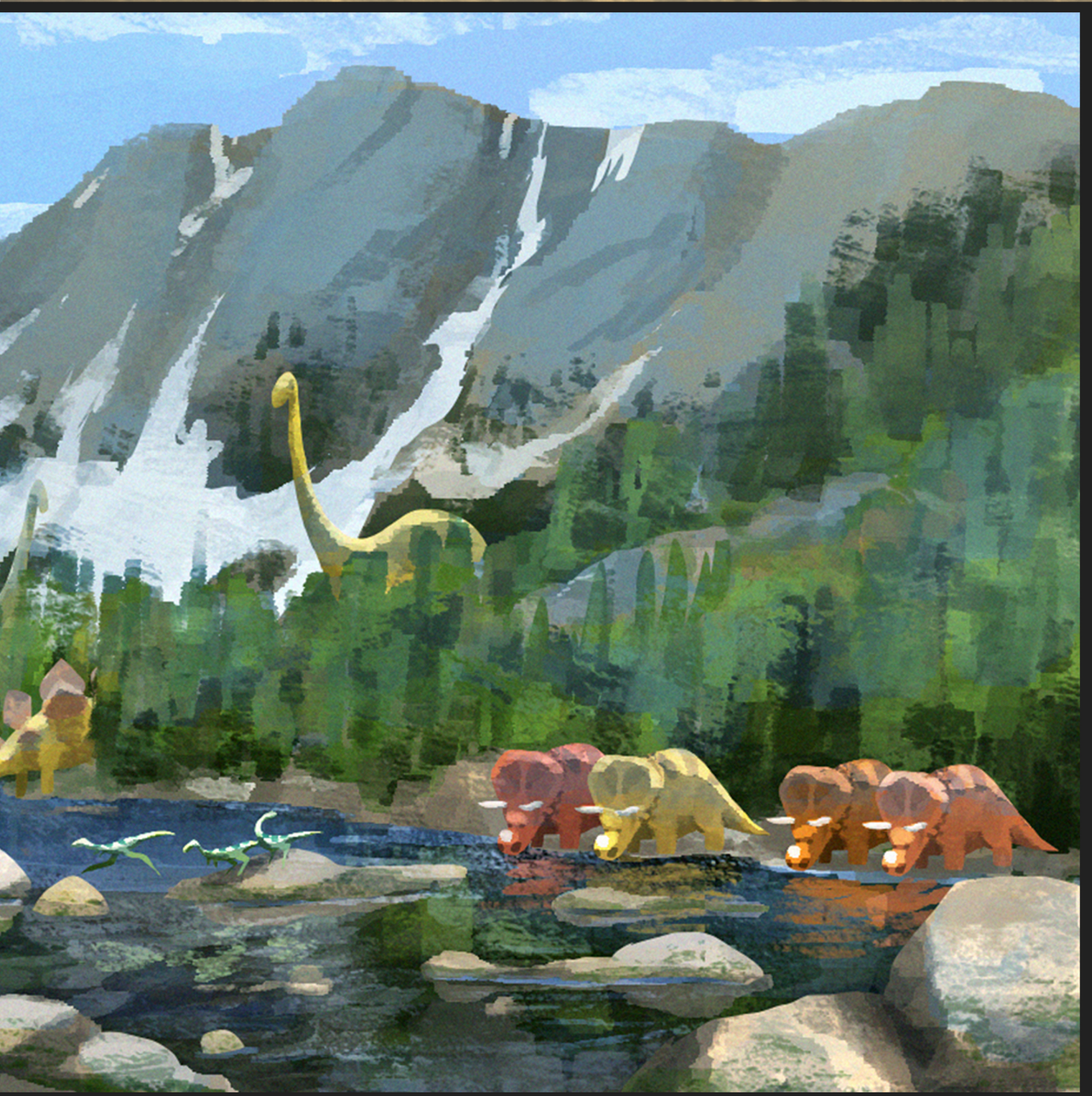
“Krik leet silta,” commented Bandar.

“Huh. So you say,” retorted Nushan, and with that they were off.











Solutions \* one

# Help Bandar Get To The Birthday

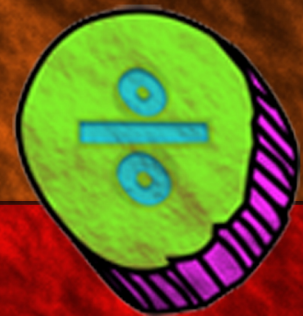


## Mixed operations

Nushan tends to jump around when he's excited, and a birthday is as good a reason to get excited as any other.



While walking to the party, he jumped ahead 3 meters, back 1 meter, and then forward 5 meters. How much distance did Nushan cover?





# M C X L I

## Roman Numerals

Little known fact: Dinosaurs used Roman numerals to mark their caves (who would have guessed?).

The gang knew Sidd Bart lived at 156 Lemur Avenue, but how would that number look (in Roman numerals) on the cave?

## Multiplication with Decimals

Buying a present is sometimes difficult. It shows how much you understand that person (or dinosaur, as the case may be). Bandar found the perfect pair of mukluks for Sidd, and they were only \$24.50!

A quadruped like Sidd would need two pairs, so how much did Bandar spend?

