

Zoo Story Problems

2nd Grade Math Project · Animals & Nature

Grade 2 · Advanced

Name: _____ Date: _____ Class: _____

The Challenge

Welcome to the zoo! The zookeepers need help counting animals, food and visitors.

You will make: Story Problem Book

I can…

- I can solve one- and two-step word problems within 100.
- I can draw a bar model for a story.
- I can write an equation with a ? for the unknown.

Materials

- Pencil
- Bar-model strips
- Paper for the book

Steps

1. Part 1: Add To and Take From
2. Part 2: Put Together and Take Apart
3. Part 3: Compare
4. Part 4: Two Steps
5. Part 5: Story Check
6. Check your work and share your story problem book.

Part 1: Add To and Take From

Solve each story. Write an equation with ?.

1. There were 48 ducks in the pond. 35 more came. How many ducks now?

2. The zoo had 83 maps. Visitors took 35. How many maps are left?

3. Some seals were on a rock. 35 jumped off. 48 seals are still there. How many were there at first?

Part 2: Put Together and Take Apart

The zoo has 83 birds. 48 are parrots and the rest are owls.

4. How many owls are there?

Part 3: Compare

The penguins ate 83 fish. The seals ate 35 fewer fish than the penguins.

5. How many fish did the seals eat?

6. How many more fish did the penguins eat than the seals?

Part 4: Two Steps

A tram had 48 riders. 35 got on and 22 got off.

7. How many riders are on the tram now?

Part 5: Story Check

Find and fix the mistake.

8. Kai solved: “Ana has 83 stickers. She has 35 more than Ben. How many does Ben have?” Kai wrote 83 + 35 = 118. Fix it.

9. Write a two-step zoo story whose answer is 40. Show the equations.

Extension Challenge

The zoo had 64 visitors before lunch and 29 after lunch. How many more came before lunch?

How your project will be scored

Learning target	4 Exceeds	3 Meets	2 Approaching	1 Beginning
I can solve one- and two-step word problems within 100.	Correct and complete; explains how	Mostly correct	Partly correct	Not yet
I can draw a bar model for a story.	Correct and complete; explains how	Mostly correct	Partly correct	Not yet
I can write an equation with a ? for the unknown.	Correct and complete; explains how	Mostly correct	Partly correct	Not yet
I can explain my thinking with pictures, numbers and words.	Clear for every part	Clear for most parts	Some explanation	Little explanation
My story problem book is complete and matches my math.	Complete, neat, accurate	Complete	Partly complete	Not complete