



Story Problem Guides Sample Rising Grade 4



Rising Grade 4: Lesson 12



Story Problem Lesson 12:

There are 108 ducks in the park. There are 9 ponds in the park and the same number of ducks live in each pond. How many ducks live in each pond?



Story Problem Basics

- **Problem Type:** Equal Groups: Group Size Unknown
- **Equation:** $9 \times d = 108$ or $108 \div 9 = d$
- **Answer:** 12 ducks

Launch Planning Guide



- **Check for Meaning:** Do more or less than 108 ducks live in each pond?
- **Exemplar Response:** Less than 108 ducks live in each pond, because there are 108 ducks in the park. If there were 108 ducks in a pond, then there would only be 1 pond, but we know there are 9 ponds in the park, so the ducks are spread out between the ponds.

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Lesson Goals

Name:

Date:

Lesson Goal:

Anticipated Strategies & Observation Tool

Strategy	Strategy Example	Who?

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Discourse Planning

Which strategies will you look for to share in the discourse? In which order will you share them?	
What misconceptions might students have? How will you respond?	
Transferable Takeaway or Conjecture	

Questions for Discourse:

- What do you notice about these strategies?
- What is similar/different between _____'s and _____'s strategies?
- How is it possible for all of these strategies to end in the same result?
- Why did the presenter do that?
- Will this always work?