

MULTI-DIGIT MULTIPLICATION WORD PROBLEMS

CREATED BY SHELLEY GRAY

The beach is one of the most popular places to go in the summertime. On Saturday there were 95 people on the beach. On Sunday there were four times that amount! How many people were on the beach in all over the two days?



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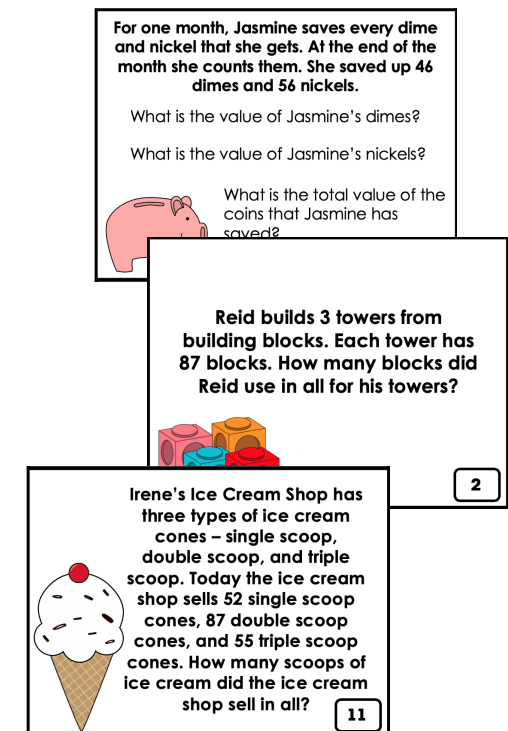
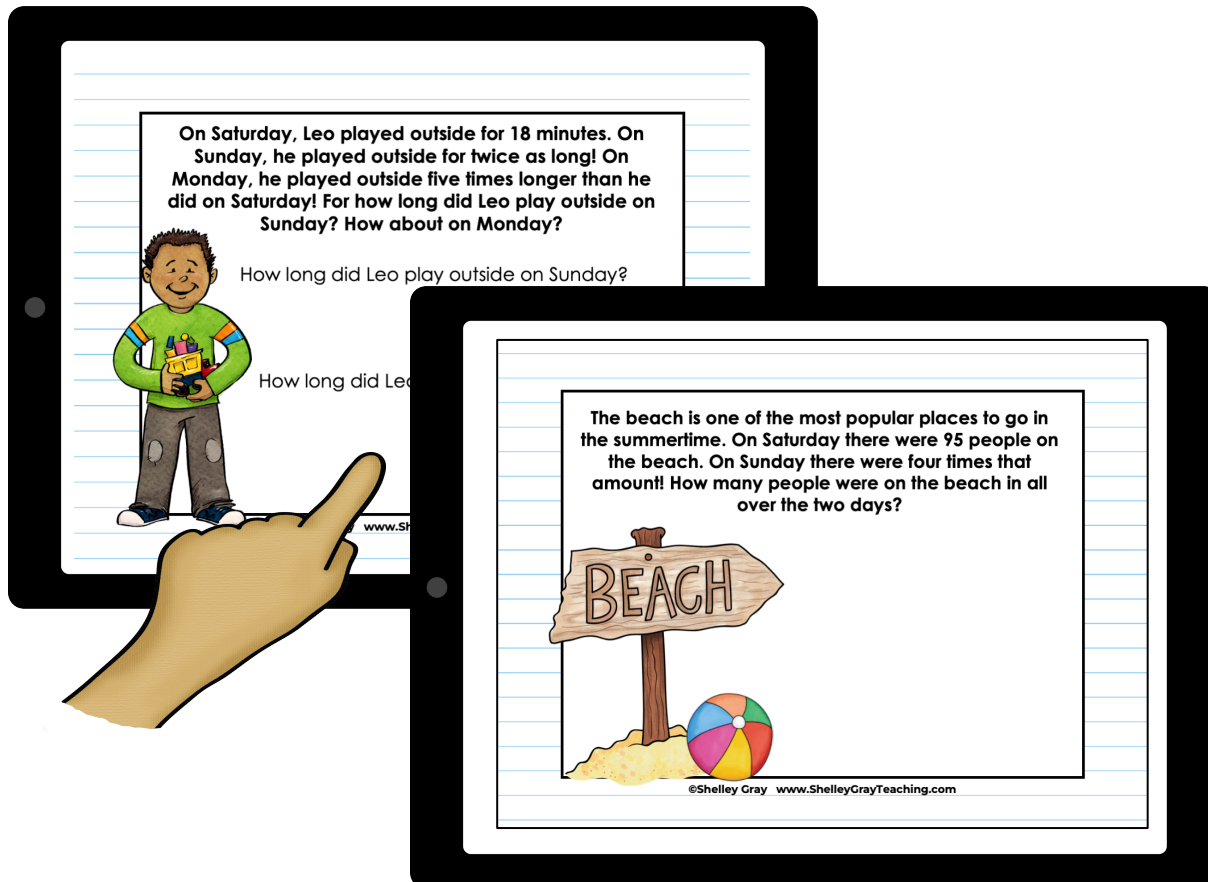
DIGITAL
AND
PRINTABLE

About This Resource

This digital resource is provided in two formats – digital and printable.

The digital version is in Google Slides™ format, making it compatible with Google Classroom™ and some other digital management systems.

The print version is in PDF format. The problems are organized as task cards with recording sheets included.



Curriculum and Skills

This resource includes 20 different multi-digit multiplication word problems. Many of them are multi-step word problems, requiring students to *really think* about what is being asked and how they will find the solution.

Most of the problems involve 2-digit by 1-digit multiplication.

The following pages show some the problems that are included.

Bert's Bakery is famous for its homemade cookies. They are sold in small boxes of 6, medium boxes of 12, and large boxes of 15. Today Bert's Bakery was open for 7 hours and sold 14 small boxes, 9 medium boxes, and 3 large boxes. How many cookies were sold at Bert's Bakery today?

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On Saturday, Leo played outside for 18 minutes. On Sunday, he played outside for twice as long! On Monday, he played outside five times longer than he did on Saturday! For how long did Leo play outside on Sunday? How about on Monday?

How long did Leo play outside on Sunday?

How long did Leo play outside on Monday?

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On summer holidays, Lula has been hired for a babysitting job. She will babysit 6 hours per day for 34 days throughout the summer. The family will pay her \$12 per hour. She is hoping to save up \$200 at the end of the summer.



How many hours will Lula babysit in all?

How much money will she make each day?

How much money will she make in all? Will she meet her goal?

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Mr. Wilson works as the custodian at the elementary school. On Mondays, Tuesdays, and Wednesdays, he works for 9 hours each day. On Thursdays and Fridays he works for 8 hours each day. How many hours does Mr. Wilson work in 8 weeks?



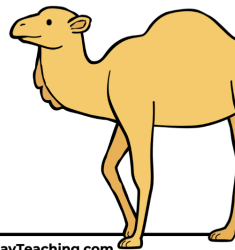
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A pair of camels are walking. The first camel walks 34 kilometers per day for 5 days. The second camel walks 26 kilometers per day for 7 days. Which camel travelled the farther distance?

How far did the first camel travel?

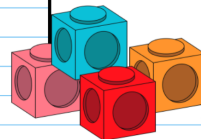
How far did the second camel travel?

Which camel travelled farther?



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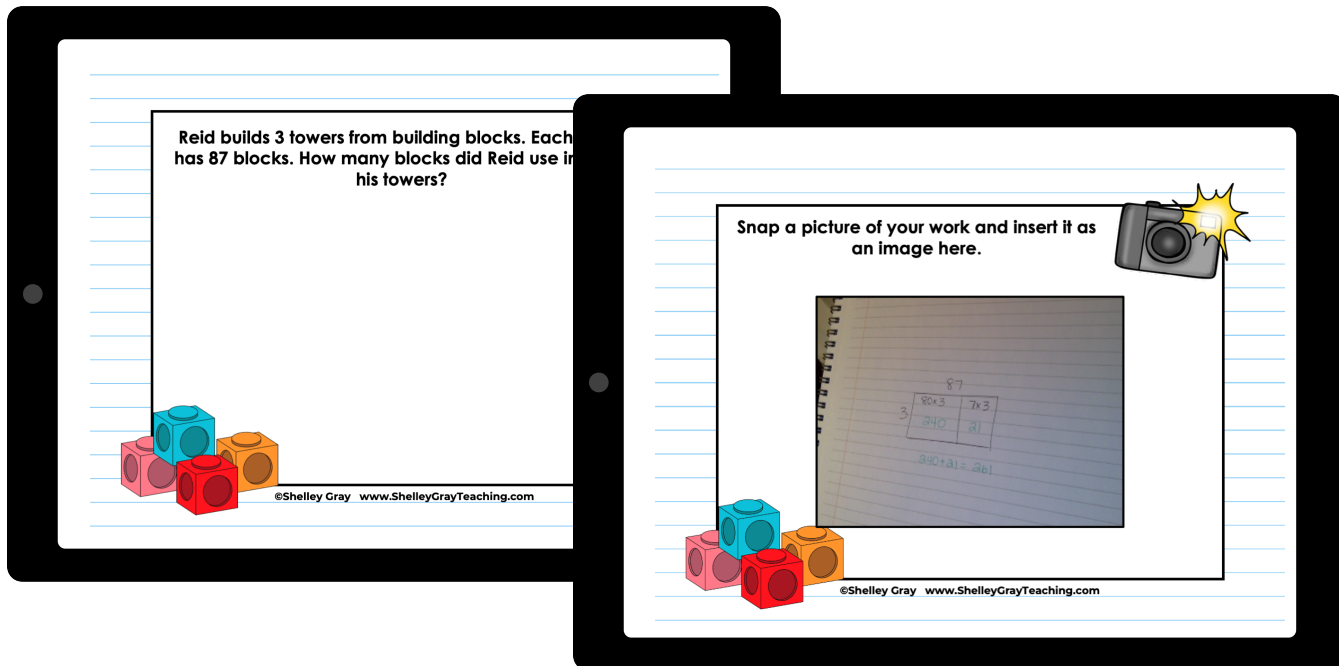
Reid builds 3 towers from building blocks. Each tower has 87 blocks. How many blocks did Reid use in all for his towers?



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Showing Work

Showing work can be frustrating when working digitally, particularly with a concept like multi-digit multiplication where it's not always easy to type out the strategy that was used. For that reason, I've also included a "Show Your Work" slide for each problem. On this slide, students will use their computer or tablet to take a quick snapshot of their work and insert it right into the slide!



Inserting a picture literally takes seconds to do and makes "showing work" a breeze. I have included an instructional student slide for this as well.

HOW TO INSERT YOUR WORK AS AN IMAGE

In Google Slides, go to **INSERT > IMAGE > CAMERA**

Use your computer or tablet's camera to take a picture and insert it!

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