

Re-writing the past!

An inquiry into the relationship between multiplication and division

Traveling back in time to change operations!

You'll need to use your imagination and understanding of inverse operations to go back into the past and change the provided math problems. Hop in your DeLorean and time travel!

Original operation & story

Time machine

Inverse operation & story

600 x 4 = 2,400

Rebecca worked diligently to prepare orders for her clients. Her bakery, however, could only make 600 cookies per day. How many cookies did Rebecca make in a day?



$2,400 \div 4 = 600.$ Rebecca baked 2,400 cookies at her bakery. Four different

grocery stores bought all of her cookies, each store buying the same amount.

227.5 ÷ 5 = 45.5

Mark manufactures calculators. However, 4 of his calculators malfuntioned. He had 5 customers come into his store asking for refunds. He gave back \$227.5 in refunds. How much was each calculator?



45.5 x 5 = 2227.5 Mark has a booming calculator manufacturing company. Yesterday, Mark sold 5 calculators for \$45.5. How much money did he make?



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 $1,500 \div 10 = 150$ Each year the lottery gives \$1500 to 10 lucky winners an even part of the pot. If you are one of the lucky winners, how much money would you receive.

 $5.4 \ge 31 = 167.4$ Each morning, Paul runs 5.4 kilometers. For the month of May, Mark ran everyday. How many total miles did he run.







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60 x 3.5 = 210

Stephanie is driving at 60 miles per hour on her way to the beach. The beach is exacly 3.5 hours from her hour. How many miles away is the beach?



 $425 \div 50 = 8.5$

Mark was in a rush to catch his train. Mark walked at a pace of 50 meters per minute to catch his train just in time. The subway was 425 meters from his house. How long was Mark's walk?





Write your own story and then re-write it's past!

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Challenge a classmate!

Write two original operations and stories for your classmate to re-write.

Original operation & story

Time machine

Inverse operation & story







Can you think of a time when knowing how to use inverse operations was important for you?

