

Falling for Multiplication

Multiplying 3- and 4-digit numbers by a 1-digit number

A
Shane measured 457 mL of water in a beaker. Olga measured 3 times as much water. How much water did they measure altogether?

P
Robert's Family brings six gallons of water for the players on the football team. If one gallon of water contains 128 Fluid ounces, how many fluid ounces are in six gallons?



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Materials:

- Task cards
- Manipulatives
- Paper and pencil to record thinking

Directions:

- 1) Students will work with a partner.
- 2) Partner 1 chooses a task card. Both partners read it together, but they both solve it independently being sure to show their thinking.
- 3) Partners share their solutions and strategies.
- 4) Partner 2 chooses a task card, and steps 2-3 are repeated.

A

Shane measured 457 mL of water in a beaker. Olga measured 3 times as much water. How much water did they measure altogether?

B

Jashawn wants to make 5 airplane propellers. He needs 18 centimeters of wood for each propeller. How many centimeters of wood will he use?

C

One game system costs \$238. How much will 4 game systems cost?

D

A small bag of chips weighs 48 grams. A large bag of chips weighs three times as much as the small bag. How much will 7 large bags of chips weigh?

E

Morgan is 23 years old. Her grandfather is 4 times as old. How old is her grandfather?

F

Isabel earned 350 points while she was playing Blasting Robot. Isabel's mom earned 3 times as many points as Isabel. How many points did Isabel's mom earn?

G

To get enough money to go to on a field trip, every student in a club has to raise \$53 by selling chocolate bars. There are 9 students in the club. How much money does the club need to raise to go on the field trip?

H

Mr. Meyers wants to order 4 tablets for his classroom. Each tablet costs \$329. How much will all four tablets cost?

I

Amaya read 64 pages last week. Amaya's older brother, Rogelio, read twice as many pages in the same amount of time. Their big sister, Elianna, is in high school and read 4 times as many pages as Rogelio did. How many pages did Elianna read last week?

J

The principal wants to buy 8 pencils for every student at her school. If there are 859 students, how many pencils does the principal need to buy?

K

There are 5,280 feet in a mile. If Bryan ran 4 miles, how many feet did he run?

L

There are 365 days in a common year. How many days are in 3 common years?

M

The length of one side of a square city block is 462 meters. What is the perimeter of the block?

N

Jake ran 2 miles. Jesse ran 4 times as far. There are 5,280 feet in a mile. How many feet did Jesse run?

O

A farmer planted 4 rows of sunflowers. There were 1,205 plants in each row. How many sunflowers did he plant?

P

Robert's family brings six gallons of water for the players on the football team. If one gallon of water contains 128 fluid ounces, how many fluid ounces are in six gallons?

Q

It takes 687 Earth days for the planet Mars to revolve around the Sun once. How many Earth days does it take Mars to revolve around the Sun four times?

R

Tammy buys a 4-gigabyte memory card for her camera. Dijonea buys a memory card with twice as much storage as Tammy's. One gigabyte is 1,024 megabytes. How many megabytes of storage does Dijonea have on her memory card?

S

There are 1,647 students at Forest Ridge Elementary School. Sixty-eight students shopped at the Eagle's Nest school store every day. How many students shopped at the store after 5 days?

T

Arrange the digits below to create a multiplication problem with a product closest to 100.

4	6	2
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Explain your thinking and show your work to prove your answer.

Graphics and Fonts

