

MOMENTUM MATH LEVEL F



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MULTIPLICATION

A

Today's Destination

What does multiplication represent?

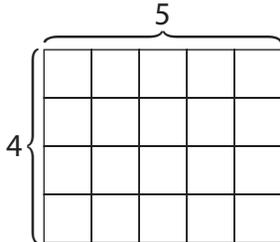


Vocabulary

Array A grid of squares or other objects arranged in equal rows

Multiplication An operation that represents putting equal groups together to get a total

For example:



$$4 \times 5 = 20$$

factors
the numbers you multiply

product
the total in a multiplication sentence

4 rows of 5 equals 20



Problem of the Day



How many markers does Matt have in total? _____



IN THE DRIVER'S SEAT

- 1) Write the appropriate vocabulary term in each sentence.

Write It!

The numbers 1, 5, and 25 are _____ of 25.

7×3 is a _____ of 21 since the product of 7 and 3 is 21.

11 is a _____ number because it only has one factor pair.

Draw two different arrays for each number. Write the multiplication sentence below each array.

- 2)



Write It!

_____ \times _____ = 36

36 = _____ \times _____

- 3)



Write It!

8 = _____ \times _____

_____ \times _____ = 8

- 4)



Write It!

_____ \times _____ = 30

30 = _____ \times _____

 **SIDE TRIPS**

- 1) Underline the clues in the problem.

Jill's school auditorium has 23 rows of seats. There are 65 seats in each row. How many seats does the school auditorium have altogether?

Solve the problem.



- 2) Explain what the remainder represents in the problem below.

Danny has \$47. He wants to buy 2 lamps. How much can he spend on each lamp?

$$47 \div 2 = 23 R1$$



- 3) Use multiplication *and* division to solve the problem below.

Laquan purchases 4 cartons of eggs. Each carton contains 12 eggs. If it takes 3 eggs to make 1 omelet, how many omelets can Laquan make?



_____ omelets