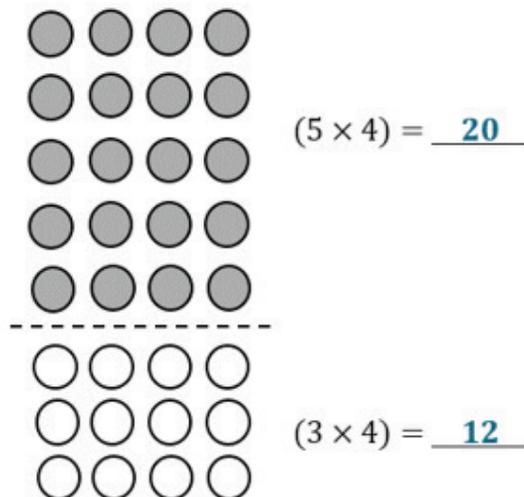# EUREKA MATH™ TIPS FOR PARENTS

KEY CONCEPT OVERVIEW

Lessons 14 through 17 focus on solving multiplication and division problems that use units of 4.

You can expect to see homework that asks your child to do the following:

- Draw arrays and organize them into tape diagrams with the known and unknown parts labeled.
- Use the break apart and distribute strategy to solve challenging multiplication problems that use units of 4 (as shown in the sample problem below).
- Solve multiplication and division word problems.

SAMPLE PROBLEM *(From Lesson 16)*

The array below shows one strategy for solving 8×4. Explain the strategy using your own words.

$(5 \times 4) =$ ___20___

$(3 \times 4) =$ ___12___

I split apart the 8 rows of 4 into 5 rows of 4 and 3 rows of 4. I split the array there because my fives facts and my threes facts are easier than my eights facts. I know that $5 \times 4 = 20$ and $3 \times 4 = 12$. I can add those products to find that $8 \times 4 = 32$.

Video Links
LEARN MORE by viewing a video about the break apart and distribute strategy using arrays and number bonds, visit eurmath.link/arrays-numberbonds-1 and eurmath.link/arrays-numberbonds-2

Additional sample problems with detailed answer steps are found in the *Eureka Math Homework Helpers* books. Learn more at GreatMinds.org.

For more resources, visit » *Eureka.support*

HOW YOU CAN HELP AT HOME

- Continue to practice multiplication and division facts from memory with factors of 2, 3, 4, 5, and 10.

- For the facts that your child struggles with, write each fact on a paper plate (without the answer). With each plate, your child can read the problem, say the answer, and throw the plate across the room like a Frisbee. Your child can also step on the problems and say the answer, laying the plates in a path throughout your home. You can also hang the plates on a wall or staircase, and your child can high-five each plate as he says the answer.