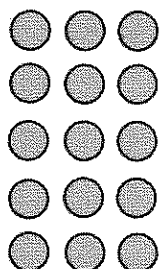


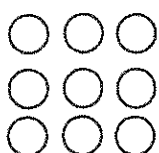
G3-M1-Lesson 16

1. Label the array. Then, fill in the blanks below to make true number sentences.

$$8 \times 3 = \underline{24}$$



$$(5 \times 3) = \underline{15}$$

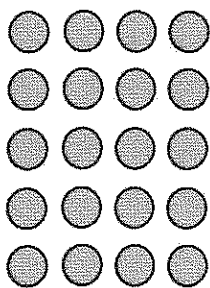


$$(3 \times 3) = \underline{9}$$

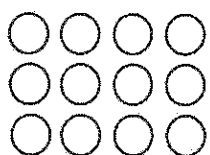
I know that I can break apart 8 threes into 5 threes and 3 threes. I can add the products for 5×3 and 3×3 to find the product for 8×3 .

$$\begin{aligned} 8 \times 3 &= (5 \times 3) + (3 \times 3) \\ &= \underline{15} + \underline{9} \\ &= \underline{24} \end{aligned}$$

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



$$(5 \times 4) = \underline{20}$$



$$(3 \times 4) = \underline{12}$$

8×4 is a tricky fact for me to solve, but 5×4 and 3×4 are both pretty easy facts. I can use them to help me!

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 $8 \times 4 = 32$.