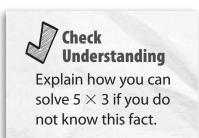
Break Apart a Factor

What You Need

- 20 tiles
- Recording Sheet



What You Do

- **1.** Take turns. Pick a letter, read the problem, and make an array of tiles to match.
- **2.** Decide how you want to break apart the array. Think: Which row or column will you break apart? What two numbers do you have now?
- **3.** Write the two new multiplication problems on the **Recording Sheet.** Write their products as an addition problem. Then add to find the answer to each problem.
- **4.** Your partner checks your work.
- **5.** Repeat until all the letters are used.

A	8×2
В	6 × 3
c	4 × 3
D	5 × 2
E	4 × 4
F	9 × 2



Choose a letter. Work together to break apart the array in a different way than you did for the **Recording Sheet.** Then solve.



Break Apart a Factor

A

$$8 \times 2$$

×

 6×3

+

C

$$4 \times 3$$

8 × 2 = _____

____X____X

D

____×___×___

Ε

$$4 \times 4$$

____×____×____

9 × 2

____×___×___

You can break apart the array to get facts you know. I don't know 8×3 , but I know 4×3 .

