Break Apart a Factor

What You Need

- 40 tiles (optional)
- Recording Sheet

What You Do

- **1.** Take turns. Pick a letter and read the multiplication problem.
- 2. Choose a factor to break apart and circle it. Think: *Which factor will you break apart? What two numbers will you use?*
- **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, using tiles if it's helpful.
- 5. Repeat until all the letters are used.

Check Understanding Explain how you can solve 8×4 by breaking apart a factor.

A	8 × 3
В	9 × 4
с	7 × 3
D	4 × 6
E	5 imes 4
F	3 × 9

Go Further!

Choose a letter. Work together to write at least two other ways to break apart the multiplication problem and solve it.

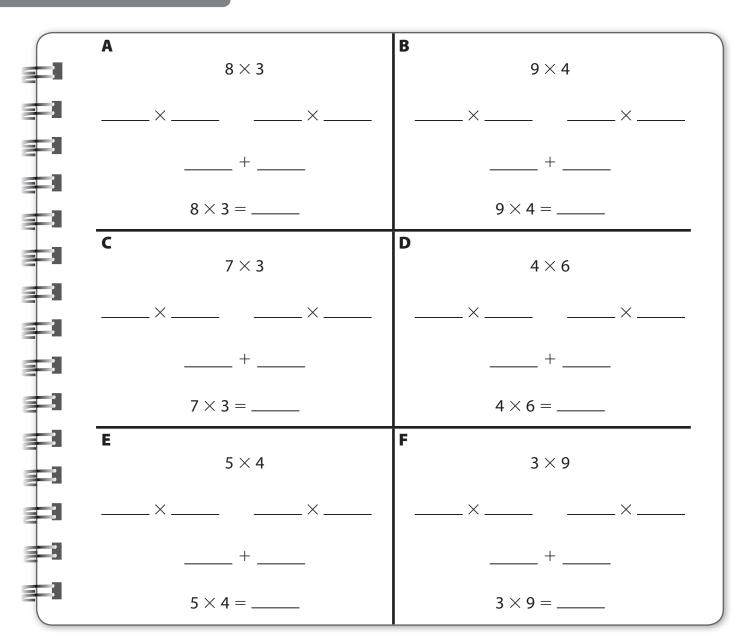




Partner A	



Break Apart a Factor



If I break apart the greater factor, I can get two problems that are easier to solve.

