

## **Connect**

**In 4th grade, we learned two strategies for multiplying:**

$$25 \times 39$$

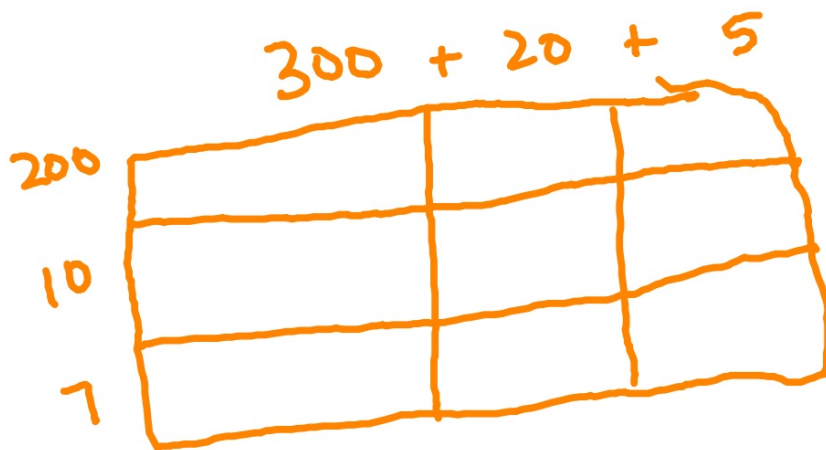
**Area Model**

**Partial Products**

I Do

When we add a 3rd digit, the area model starts to get out of hand. IT STILL WORKS, but it takes a long time, and it leaves a lot of chances to make a mistake

$$325 \times 217$$



**I do**

**There is a faster method called the STANDARD ALGORITHM that you can use to multiply numbers more quickly. The steps can be hard to remember though, and you have to be precise about where everything goes.**

$$325 \times 217$$

**We Do**

**A print shop is going to print 675 copies of a 342 page book. How many pages will they print?**

**We Do #2**

**535 students attend R.D. Head, and each one has 24 forms to sign at the beginning of the year. How many forms is that?**

**You do together one whiteboard**

**There are 528 players in the NBA. Each one plays 82 games. How many games is that?**

**You do alone on index card**

**There are 734 players in MLB. Each one plays 162 games. How many games is that?**