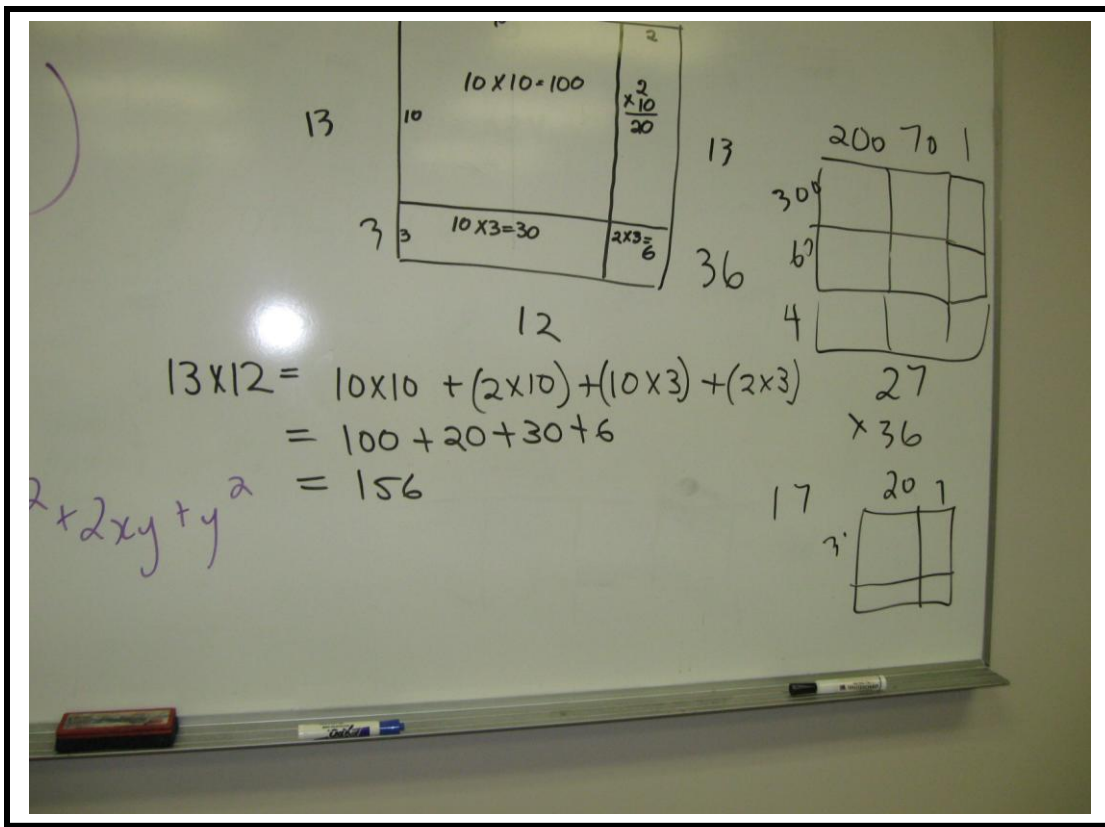## Grade 6 Sessions

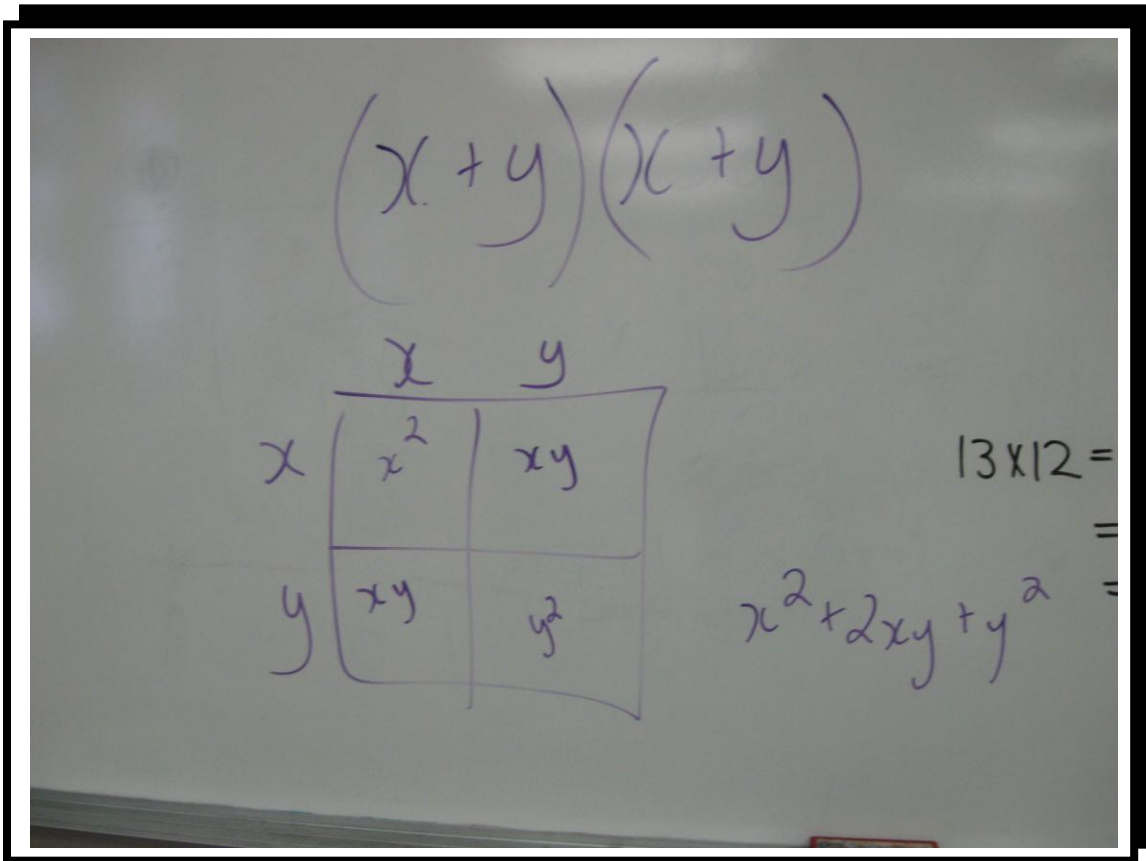We looked at distribution as a strategy for multiplication.
The distributive property and the commutative property are ideas that we begin to develop in the early grades and expect that by Grade 6 students have a solid understanding of.

The commutative property applies to addition and multiplication. The order of the factors or addends does not change the sum or product.
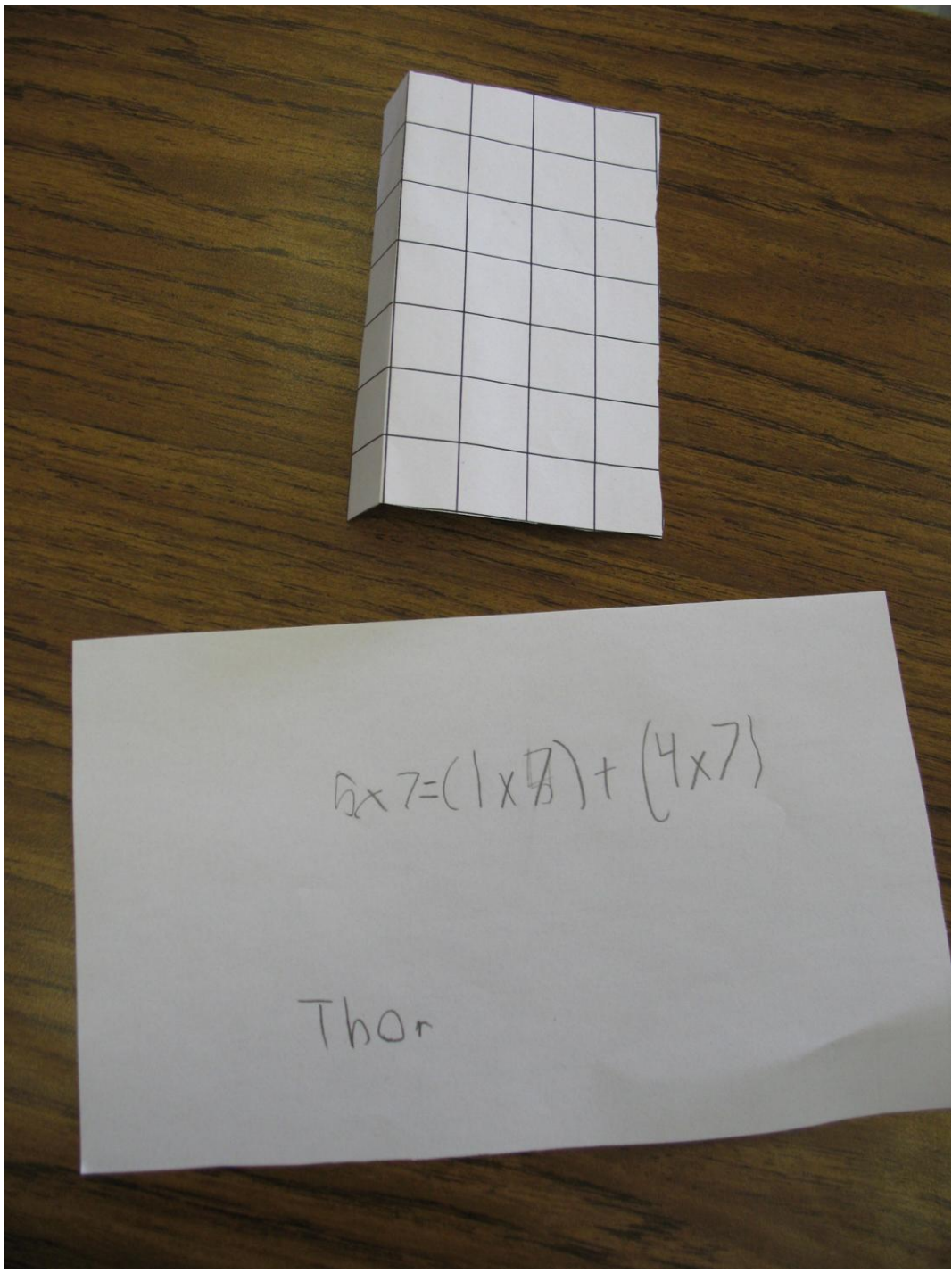So $2 + 3 = 3 + 2$ and $3 \times 4 = 4 \times 3$

The distributive property allows students to break numbers apart in more manageable chunks. When students have the distributive property they can develop and master to fluency strategies for adding and multiplying with ease.

The link to algebra makes it clear that this is an important way to think about multiplication.

$5 \times 7 = (1 \times 7) + (4 \times 7)$

Thor

Build   Explain   Represent   Compare