6, 7, and 8 as Factors

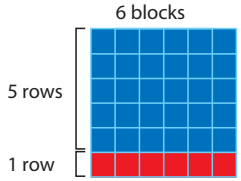
Are there different ways to break apart a fact?

Mrs. White's class drew a map of their town. The map is 6 blocks by 6 blocks. How many square blocks are on the map?

What You Show

Find 6×6.

You can break apart the first factor or the second factor.



6 rows of 6 is the same as 5 rows of 6 and 1 rows of 6.

What You Write

Break apart 6 into $5 + 1$.

$6 \times 6 = (5 \times 6) + (1 \times 6)$

$30 + 6 = 36$

So, $6 \times 6 = 36$.

There are 36 square blocks on the map.

- What multiplication fact can be used to represent this array?
- How was the array 6 x 6 broken into two arrays? What are the two arrays?
- What property is being illustrated?

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