

Doubling, Part 1

Home Link 5-5

NAME _____

DATE _____

TIME _____

Family Note Doubling (adding a number to itself or multiplying a number by 2) can be used as a strategy to solve facts with a “double” as a factor, such as the 4s, 6s, and 8s facts. For example, your child used doubling with the helper fact 2×7 to figure out 4×7 ($2 \times 7 = 14$ and $14 + 14 = 28$, so $4 \times 7 = 28$). Doubling the area of a rectangle can help children see and model the doubling fact strategy. Encourage your child to use drawings to solve the problem below.

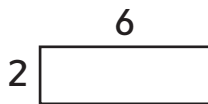
Please return this Home Link to school tomorrow.

Maria wants to figure out $4 \times 6 = ?$.

She notices that 4 is the double of 2.

Help Maria use 2×6 to solve 4×6 .

Maria starts by sketching a 2-by-6 rectangle. Add to Maria’s picture to show how she could use doubling to find the answer to 4×6 . Record your thinking below.



$$2 \times 6 = \underline{\hspace{2cm}}$$

$$4 \times 6 = \underline{\hspace{2cm}}$$

How I figured it out: _____
