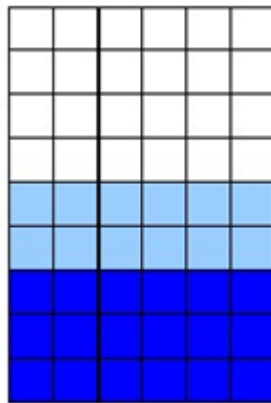# Multiply and Divide Facts Through 10

The break apart strategy can help you find products or greater numbers.
To find 6 × 9 we will break down the number 9 into three numbers and we will use the rectangle below

The unshaded squares represent the multiplication problem 4 × 6.
The light blue squares represent the multiplication problem 2 × 6.
The dark blue squares represent the multiplication problem 3 × 6.

4+3+2=9, so:

9 × 6 = (4 × 6) + (3 × 6) + (2 × 6)

9 × 6 = 24 + 18 + 12

So, 9 × 6 = 54

You can check your answer by counting the squares.

Grade 4

Examples:

A- Find the product or the quotient.

1) 8 x 9   2) 6 x 5   3) 90 ÷ 10   4) 63 ÷ 7

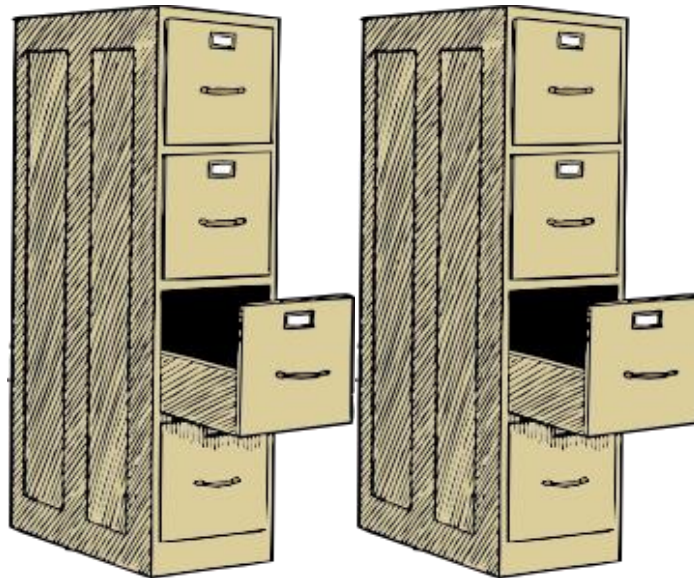   <u>72</u>   <u>30</u>   <u>9</u>   <u>9</u>

<div style="background-color:#9ccc65">**My Real Life**</div>

There are 8 drawers with 5 files in each cabinet. How many files are there?

5 x 8 = 40 files