G4-M3-Lesson 6

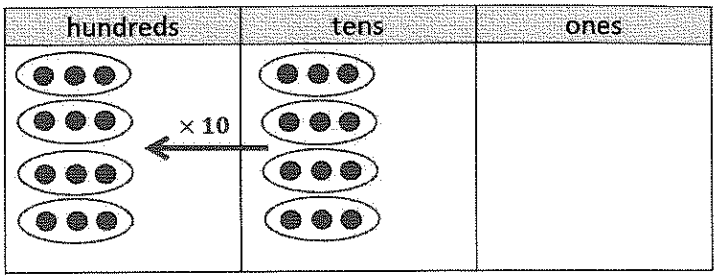
Represent the following problem by drawing disks in the place value chart.

1. To solve 30×40, think:

   $(3 \text{ tens} \times 4) \times 10 =$ 1,200

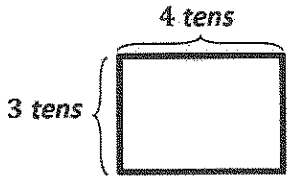
   $30 \times (4 \times 10) =$ 1,200

   $30 \times 40 =$ 1,200



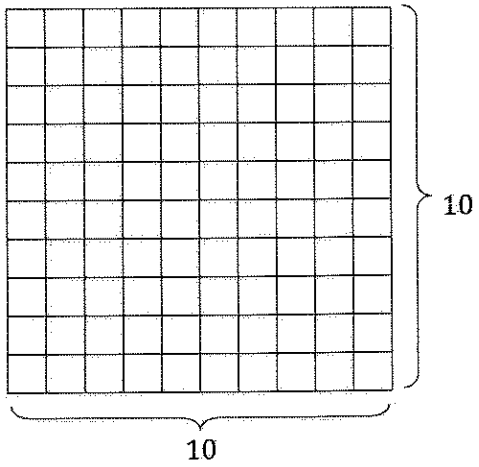
I draw 4 groups of 3 tens multiplied by 10.

2. Draw an area model to represent 30×40.



3 tens × 12 tens= *hundreds*

When I multiply tens by tens, I get hundreds.

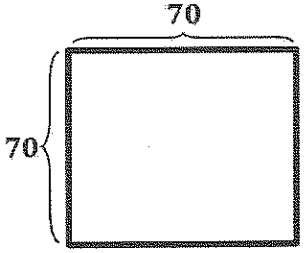


Rewrite each equation in unit form and solve.

3. $80 \times 60 =$ 4,800

   8 *tens* × 6 *tens* = 48 hundreds

4. One carton contains 70 eggs. If there are 70 cartons in a crate, how many eggs are in one crate?



7 tens × 7 tens = 49 hundreds

$70 \times 70 = 4,900$

There are 4,900 eggs in one crate.