

Name _____

Multiply Using the Distributive Property

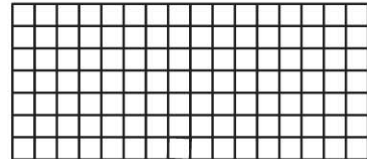
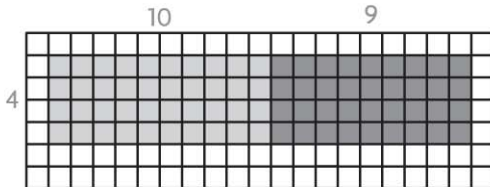
COMMON CORE STANDARD CC.4.NBT.5

Use place value understanding and properties of operations to perform multi-digit arithmetic.

Model the product on the grid. Record the product.

1. $4 \times 19 = \underline{76}$

2. $5 \times 13 = \underline{\quad}$



$4 \times 10 = 40$ and $4 \times 9 = 36$

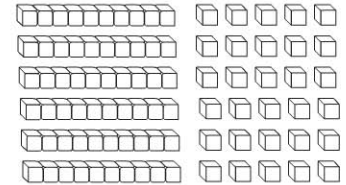
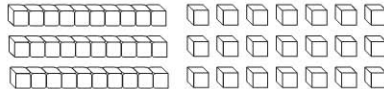
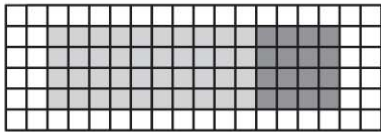
$40 + 36 = 76$

Find the product.

3. $4 \times 14 = \underline{\quad}$

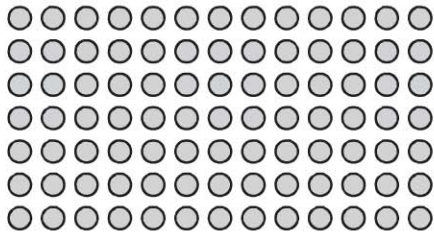
4. $3 \times 17 = \underline{\quad}$

5. $6 \times 15 = \underline{\quad}$



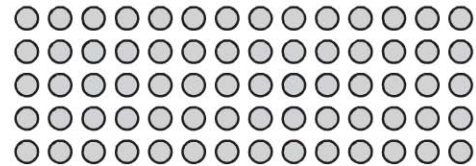
Problem Solving **REAL WORLD**

6. Michael arranged his pennies in the following display.



How many pennies does Michael have in all?

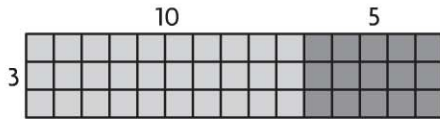
7. A farmer has an apple orchard with the trees arranged as shown below.



If the farmer wants to pick one apple from each tree, how many apples will he pick?

Lesson Check (CC.4.NBT.5)

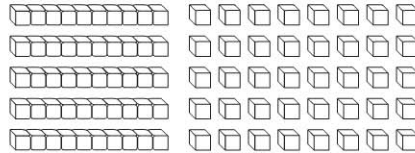
1. The model shows how Maya planted flowers in her garden.



How many flowers did Maya plant?

- (A) 15
- (B) 18
- (C) 30
- (D) 45

2. The model below represents the expression 5×18 .



How many tens will there be in the final product?

- (A) 5
- (B) 6
- (C) 8
- (D) 9

Spiral Review (CC.4.OA.2, CC.4.NBT.2, CC.4.NBT.4, CC.4.NBT.5)

3. Center City has a population of twenty one thousand, seventy people. Which of the following shows the population written in standard form? (Lesson 1.2)
- (A) 21,007
 - (B) 21,070
 - (C) 21,077
 - (D) 21,700
4. Central School collected 12,516 pounds of newspaper to recycle. Eastland School collected 12,615 pounds of newspapers. How many more pounds of newspaper did Eastland School collect than Central School? (Lesson 1.7)
- (A) 99 pounds
 - (B) 101 pounds
 - (C) 199 pounds
 - (D) 1,099 pounds
5. Allison has 5 times as many baseball cards as football cards. In all, she has 120 baseball and football cards. How many baseball cards does Allison have? (Lesson 2.2)
- (A) 20
 - (B) 24
 - (C) 96
 - (D) 100
6. A ruby-throated hummingbird beats its wings about 53 times each second. About how many times does a ruby-throated hummingbird beat its wings in 5 seconds? (Lesson 2.4)
- (A) 25
 - (B) 58
 - (C) 250
 - (D) 300