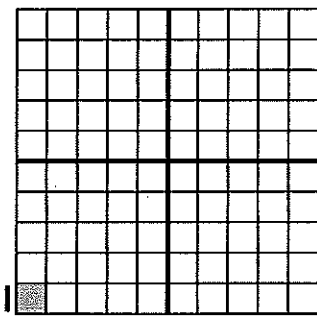


NAME \_\_\_\_\_

DATE \_\_\_\_\_

# Home Connection 9 ★ Worksheet

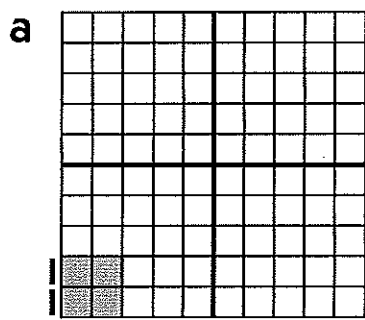
example



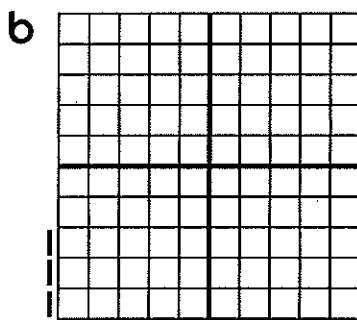
$$1 \times 1 = 1$$

## Multiplication Facts

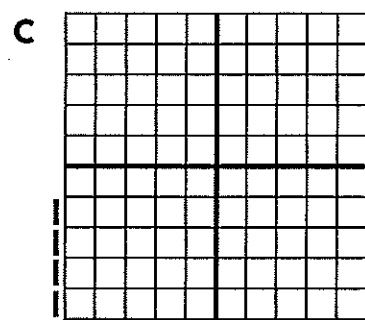
- 1 Complete the diagrams on this sheet.
- 2 Below each diagram, write the multiplication equation that goes with the array.



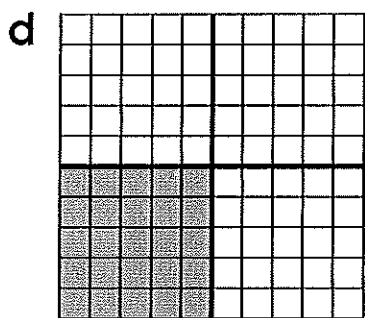
$$2 \times 2 = \underline{\quad}$$



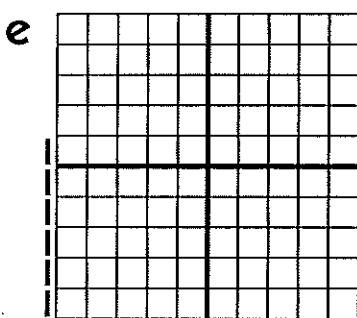
$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$



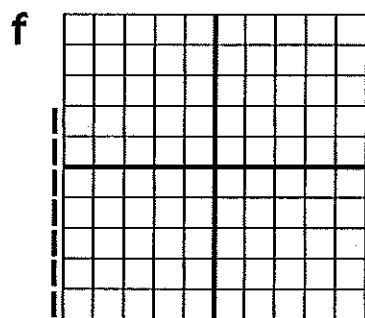
$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$



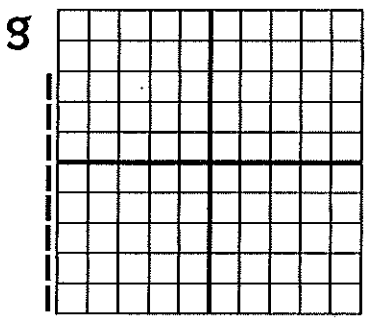
$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$



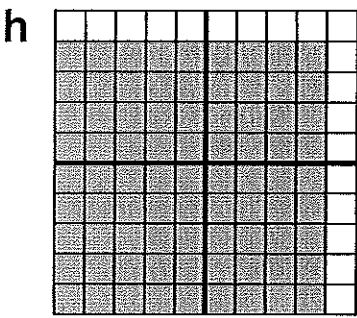
$$\underline{\quad} \times 6 = \underline{\quad}$$



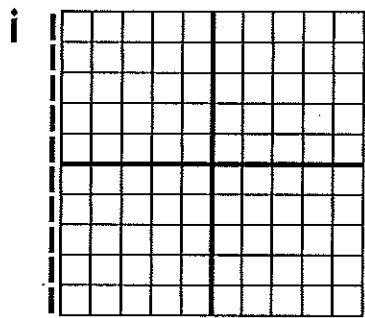
$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$



$$8 \times \underline{\quad} = \underline{\quad}$$



$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$



$$\underline{\quad} \times \underline{\quad} = 100$$

(Continued on back.)

Home Connection 9 Worksheet (cont.)

3 Fill out the multiplication table.

X	0	1	2	3	4	5	6	7	8	9	10
0											
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											

5 Fill out each of these times tables.

X	6
0	0
1	6
2	12
3	
4	
5	30
6	
7	
8	
9	
10	

X	7
0	
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

X	8
0	
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

X	9
0	
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

4 Draw a box around each square number in the multiplication table.

6 Describe the patterns you see among the multiples of 9.

NAME \_\_\_\_\_

DATE \_\_\_\_\_

## Home Connection 10 ★ Activity



### NOTE TO FAMILIES

In today's assignment, students use the ruler on page 25 to draw as many rectangles with a perimeter of 20 inches as they can and then find the area of each one. You may recall that the perimeter of a rectangle is the total number of inches around its outside edge. Its area is the total number square inches required to cover the rectangle. Please have your child return his or her rectangles and this completed sheet to school.

---

### Perimeter of 20

**1** Use the paper ruler to draw as many rectangles with a perimeter of 20 inches as you can in the space below and on the back of this page. Make sure to label the dimensions of each rectangle. Use a piece of blank paper to draw rectangles that will not fit on this page or the next.

Please show your work here.

(Continued on back.)

## Home Connection 10 Activity (cont.)

Please show your work here.

**2** Then record the dimensions, perimeter, and area for each rectangle on the table below. You do not need to fill in the entire table below. Just fill in a row for each rectangle you drew.

Rectangle	Dimensions	Perimeter	Area
<b>example</b>	4 in. x 6 in.	20 inches	24 square inches
<b>a</b> 1st rectangle			
<b>b</b> 2nd rectangle			
<b>c</b> 3rd rectangle			
<b>d</b> 4th rectangle			
<b>e</b> 5th rectangle			

NAME \_\_\_\_\_ DATE \_\_\_\_\_

Home Connection 10 Activity (cont.)

### 9-Inch Ruler

Fold the entire sheet of paper along the dotted line to make a 9-inch straightedge ruler.

