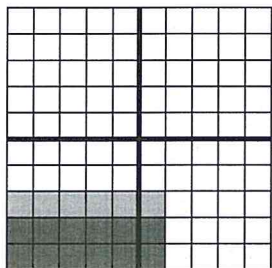




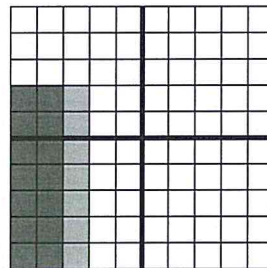
Multiplication Fact Strategies page 1 of 2

Doubles Plus One Set Facts

When 1 of the factors is 3, you can think about the Doubles fact, and then add one more set of the number being doubled. For example, 6×3 is 6 doubled (12) plus one more set of 6.



$$3 \times 6 = 18 \quad (2 \times 6) + 6 \quad 12 + 6 = 18$$



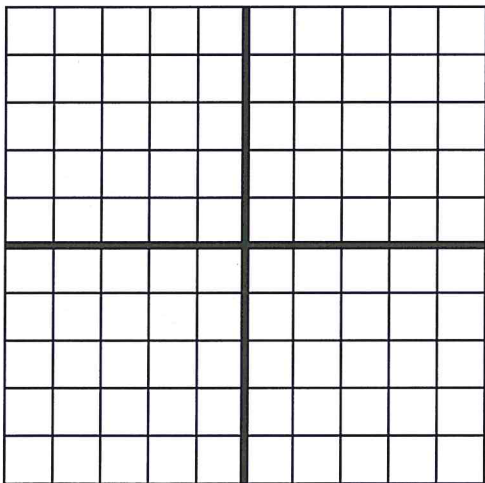
$$7 \times 3 = 21 \quad (7 \times 2) = 14 \quad 14 + 7 = 21$$

You can use this strategy with larger numbers, too:

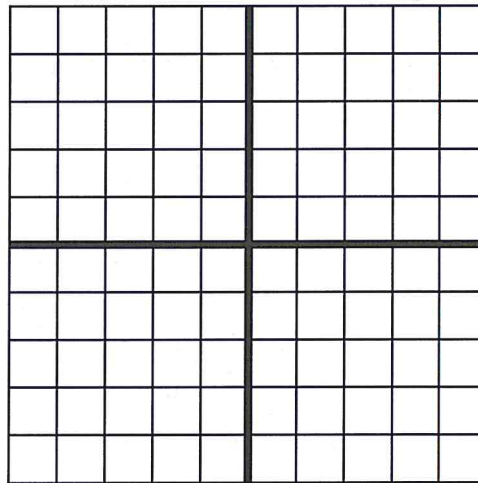
$$3 \times 25 = 75 \quad (2 \times 25) + 25 \quad 50 + 25 = 75$$

$$150 \times 3 = 450 \quad (2 \times 150) + 150 \quad 300 + 150 = 450$$

1 Shade in the areas for:



$$3 \times 5 = \underline{\quad}$$



$$3 \times 8 = \underline{\quad}$$

- 2 If you had 2 boxes of 8 crayons and your teacher gave you another box of 8 crayons, how many crayons would you have?
- 3 You bought 2 bags of 5 apples. You already had 1 bag of 5 apples at home. How many apples do you have in all?
- 4 Write a story problem for a Doubles Plus One Set ($\times 3$) fact.

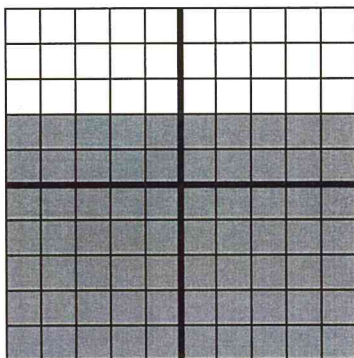
(continued on next page)

NAME _____

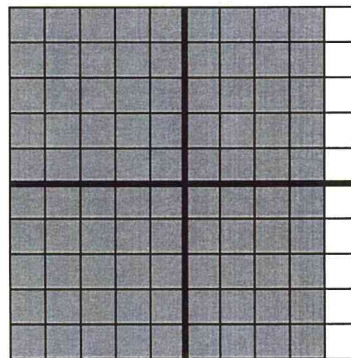
DATE _____

Multiplication Fact Strategies page 2 of 2**Tens Facts**

- 5** Circle the groups of ten in the arrays below, and solve the equations.



$$7 \times 10 = \underline{\quad}$$



$$10 \times 9 = \underline{\quad}$$

When you understand place value, multiplying larger numbers by 10 can be easy, too.

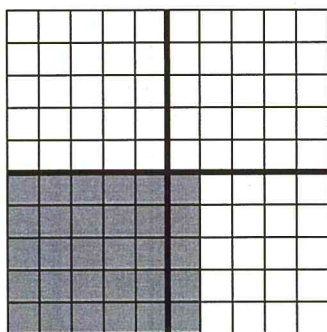
$$10 \times 25 = 250$$

$$670 \times 10 = 6700$$

Half-Tens Facts

When one of the factors is 5, you can multiply the other factor by 10 and then divide the answer in half.

- 6** Fill in the blanks below.



$$5 \times 6 = \underline{\quad} \quad 6 \times 10 = 60 \quad \text{Half of 60 is } \underline{\quad}$$

Half-Tens Facts

n	$\times 10$	$\times 5$
1	10	5
2		
	30	
4	40	
5		25
6		

- 7** Max had 6 dimes in his pocket. How much money did he have?
- 8** Jose had 7 nickels in his pocket. How much money did he have?
- 9** If Suzie bought 9 baskets with 5 large peaches in each basket, how many peaches did she buy?