Chapter 2

Name _____ Date _____

Review/Assessment

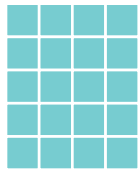
NCTM Standards 1, 2, 6, 7, 8, 9, 10

Find the number of squares in each array. Lesson 1

1

□

2

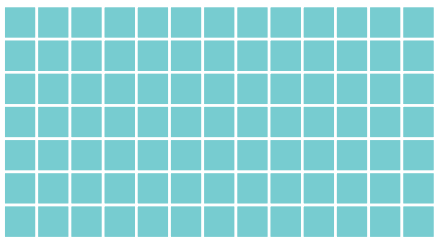


□

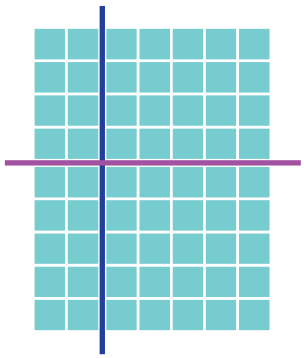
3 Complete the table. Find the total number of squares in the array. Then explain how you got your answer. Lesson 4

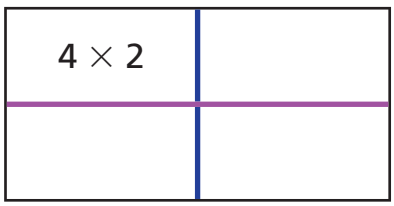
	2	3	4	5	8	10
× 7						

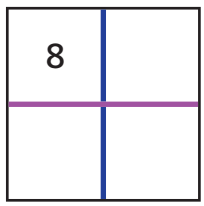
$7 \times 13 = \square$



4 Use the array to complete the diagrams. Find the total number of squares in the array. Lessons 2 and 3

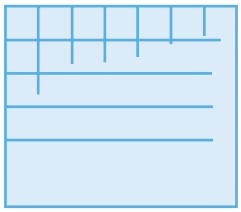






$9 \times 7 = \square$

5 Find the missing numbers to complete the fact family. Lesson 6



$\square \times \square = 42$

$\square \times \square = 42$

$42 \div \square = \square$

$42 \div \square = \square$

Shade the tiles to show the arrangement with the largest number of full columns. Then complete the tables. Lesson 7

6 $4\overline{)29}$

4

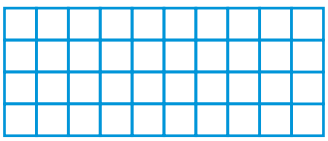
Number of full columns	
Number of tiles left over	

7 $5\overline{)13}$

5

Number of full columns	
Number of tiles left over	

8 Use the array to complete the shorthand below. Then complete the division and multiplication number sentences to check your answer. Lesson 8



$\square$ r $\square$

4 | 37

$(\square \times \square) + \square = 37$

Solve the problem. Explain your answer. Lesson 9

9 Each member of the club has 23 cards. If the 8 members each bring all their cards to a meeting, how many cards are there all together? Explain.