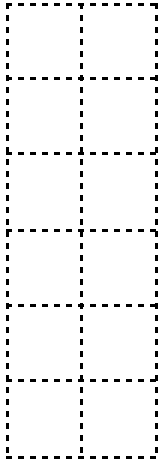


Multiplication Using Array Model

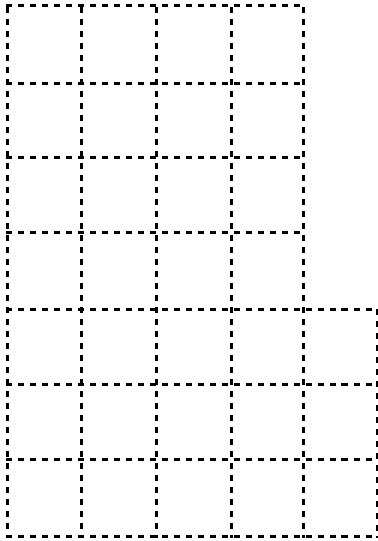
Assignment

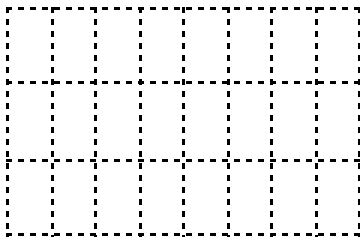
Math 3

Part A:



Trace the table to identify the expression of the array model. Color the table with the corresponding color to its product.



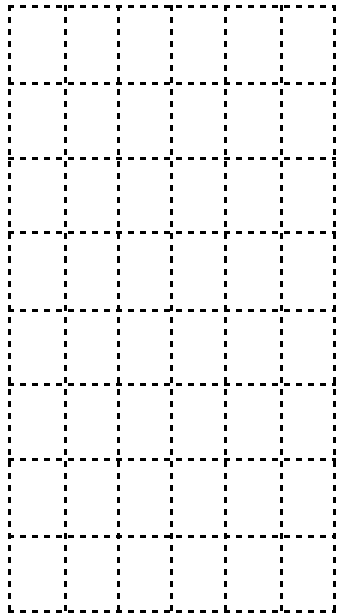
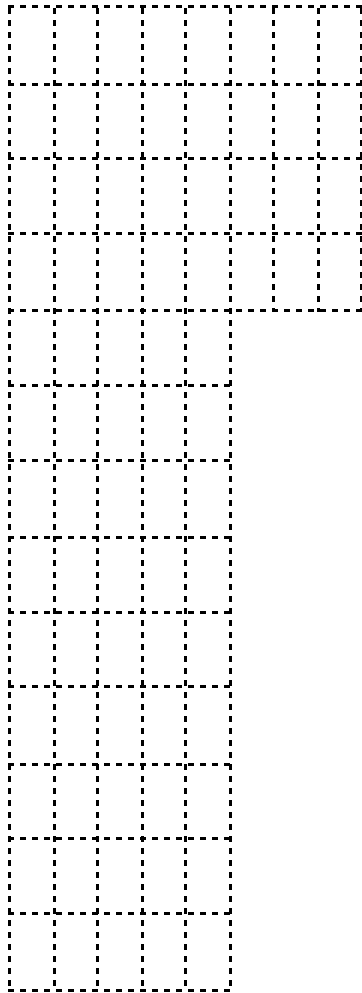


Name: _____ Period: _____ Date: _____

Multiplication Using Array Model

Assignment

Math 3



Multiplication Using Array Model

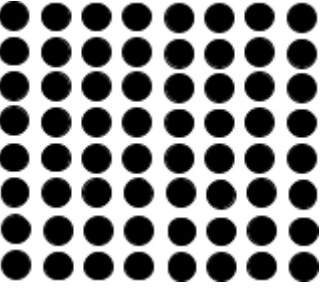
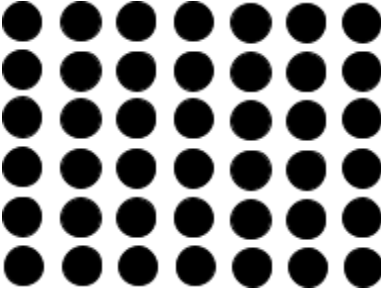
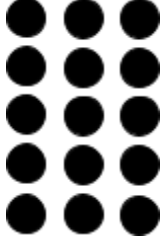
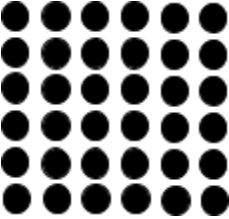

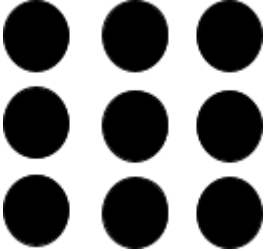
Assignment

Math 3

Orange = 12 | Yellow = 48 | Blue = 45 | Green = 15 | Purple = 16 | Red = 56

Part B:

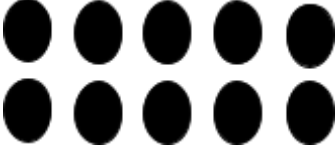

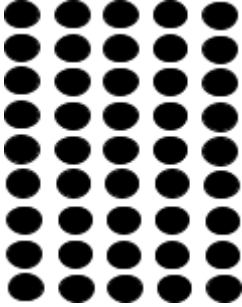
Identify how many rows and columns there are in each array model. Write their corresponding expressions.

 <p>Rows: Columns: Expression:</p>	 <p>Rows: Columns: Expression:</p>	 <p>Rows: Columns: Expression:</p>
 <p>Rows: Columns: Expression:</p>	 <p>Rows: Columns: Expression:</p>	 <p>Rows: Columns: Expression:</p>

Multiplication Using Array Model

Assignment

Math 3

 <p>Rows: Columns: Expression:</p>	 <p>Rows: Columns: Expression:</p>	 <p>Rows: Columns: Expression:</p>
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Part C:

Draw the following equations into an array model and determine the product.

1. $4 \times 6 =$

2. $6 \times 3 =$

3. $7 \times 5 =$

4. $5 \times 4 =$

Part D:

Answer the following word problems by solving using array models.

1. Jack likes to play with marbles. He has 5 rows of 5 marbles. How many marbles does he have?

2. Cathy wants to buy candy worth 50 coins. She has 4 by 8 coins. Will she be able to buy the candy?

Name: _____ Period: _____ Date: _____

Multiplication Using Array Model Assignment

Math 3

3. Tiffany has rings. She aligned them into 3 rows and 9 columns. How many rings does she have?