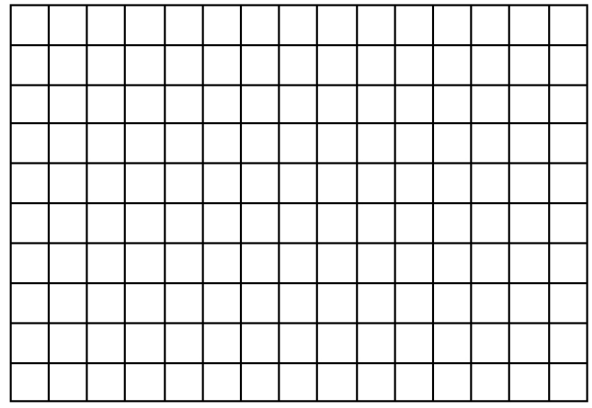
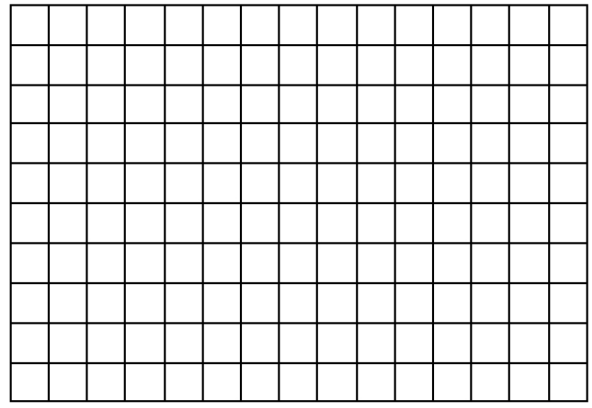
Name _____ Date _____

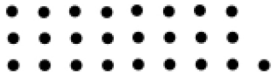
Show division using an array.	Show division using an area model.
1. 24 ÷ 4 Quotient = _____ Remainder = _____	 Can you show 24 ÷ 4 with one rectangle? _____
2. 25 ÷ 4 Quotient = _____ Remainder = _____	 Can you show 25 ÷ 4 with one rectangle? _____ Explain how you showed the remainder:

© 2014 Common Core, Inc. Some rights reserved. commoncore.org

This work is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License.

Solve using an array and area model. The first one is done for you.

Example: 25 ÷ 3

a. 

b.

Quotient = 8 Remainder = 1

3. 44 ÷ 7

a. b.

4. 34 ÷ 6

a. b.

5. 37 ÷ 6

a. b.

6. 46 ÷ 8

a. b.

© 2014 Common Core, Inc. Some rights reserved. **commoncore.org**

This work is licensed under a
Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License.

Answer Key

Array and area model drawn for each solution.

1. 6, 0; yes
2. 6, 1; no, one small square outside of the larger rectangle
3. Quotient 6, R2
4. Quotient 5, R4
5. Quotient 6, R1
6. Quotient 5, R6

© 2014 Common Core, Inc. Some rights reserved. commoncore.org

This work is licensed under a
Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License.