8
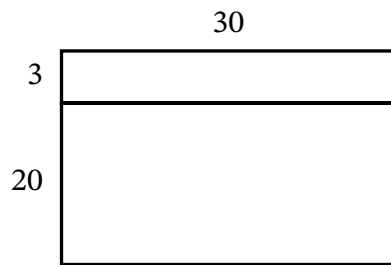
Name _____ Date _____

Complete the area model. Then multiply by showing two partial products.

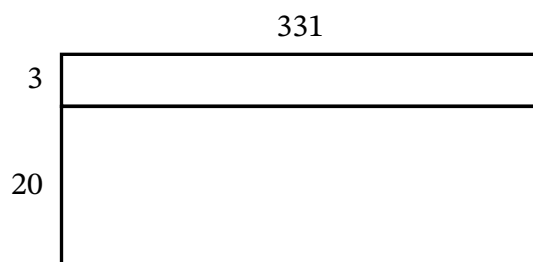1. 23×30

		3	0
×		2	3
+			

2. 23×31
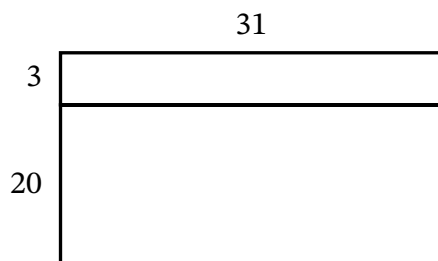
		3	1
×		2	3
+			

3. 23×331

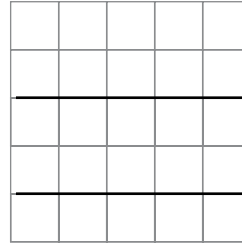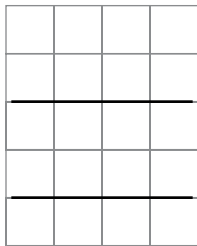|		3	3	1
×			2	3
+				

Draw an area model to find two partial products. Then multiply by showing two partial products.

4. 34×121
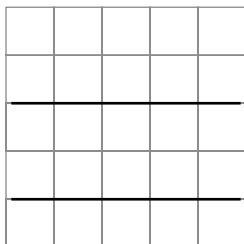
Estimate the product. Then multiply.

5. $31 \times 33 \approx \underline{\hspace{1cm}} \times \underline{\hspace{1cm}}$

$= \underline{\hspace{1cm}}$

6. $12 \times 413 \approx \underline{\hspace{1cm}} \times \underline{\hspace{1cm}}$

$= \underline{\hspace{1cm}}$

7. $32 \times 231 \approx \underline{\hspace{1cm}} \times \underline{\hspace{1cm}}$

$= \underline{\hspace{1cm}}$

8. $43 \times 201 \approx \underline{\hspace{1cm}} \times \underline{\hspace{1cm}}$

$= \underline{\hspace{1cm}}$
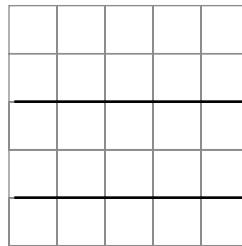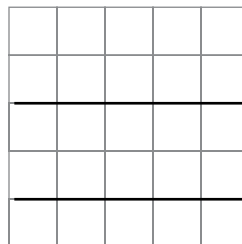
Use the Read–Draw–Write process to solve the problem.

9. A toy giraffe is 403 millimeters tall. A real giraffe is 12 times as tall as the toy giraffe. How tall is the real giraffe?