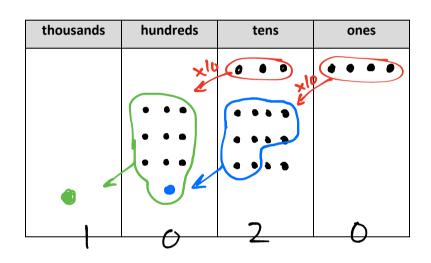
Name	Date	
Name	Date	

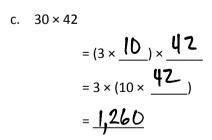
- 1. Use the associative property to rewrite each expression. Solve using disks and then complete the number sentences.
 - a. 20×34 = (<u>2</u> × 10) × 34 = <u>2</u> × (10 × 34) = 680

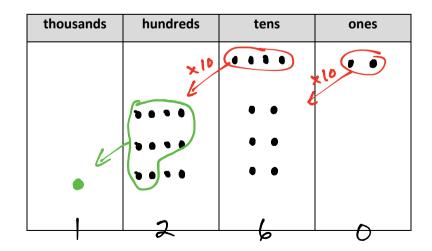
hundreds	tens	ones
×lo	zlo	

b.
$$30 \times 34$$

= $(3 \times 10) \times \frac{34}{34}$
= $3 \times (10 \times \frac{34}{34})$
= $\frac{1,020}{34}$









Lesson 34:

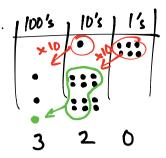
Date:

Multiply two-digit multiples of 10 by two-digit numbers using a place value chart. 8/28/13

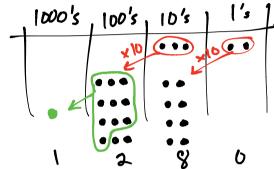


2. Use the associative property and number disks to solve.

$$=2\times(10\times16)$$



b.
$$40 \times 32$$



3. Use the associative property without number disks to solve.

a.
$$30 \times 21$$

$$= 3 \times (10 \times 21) \times \frac{210}{3}$$

$$= 3 \times 210 \times \frac{3}{630}$$

b.
$$60 \times 42$$

4. Use the distributive property to solve the following. Distribute the second factor.

a.
$$40 \times 43$$

b.
$$70 \times 23$$

$$=(70 \times 20) + (70 \times 3)$$

Multiply two-digit multiples of 10 by two-digit numbers using a

