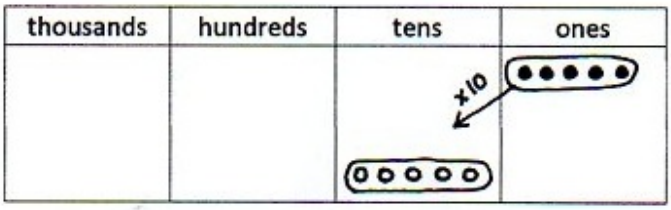
Name _____ Date _____

Example:

5 × 10 = 50

5 ones × 10 = 5 tens

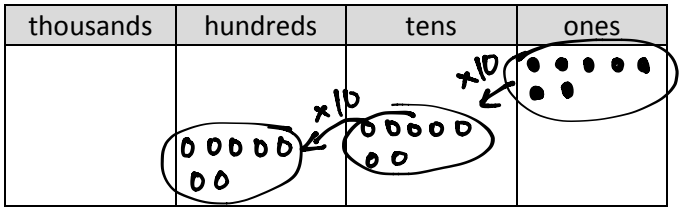


Draw number disks and arrows as shown to represent each product.

1. 7 × 100 = 700

7 × 10 × 10 = 700

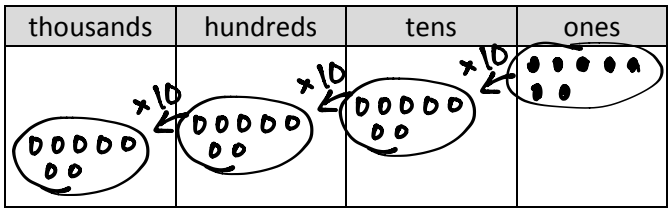
7 ones × 100 = 7 hundreds



2. 7 × 1,000 = 7000

7 × 10 × 10 × 10 = 7000

7 ones × 1,000 = 7 thousands



3. Complete the following equations.

a. 8 × 10 = 80

b. 100 × 8 = 800

c. 8,000 = 8 × 1,000

d. 10 × 3 = 30

e. 3 × 1000 = 3,000

f. 100 × 3 = 300

g. 1,000 × 4 = 4000

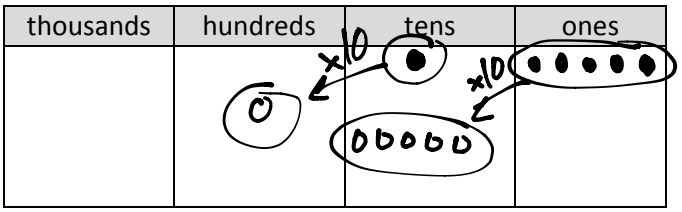
h. 40 = 10 × 4

i. 400 = 4 × 100

Draw number disks and arrows as shown to represent each product.

4. 15 × 10 = 150

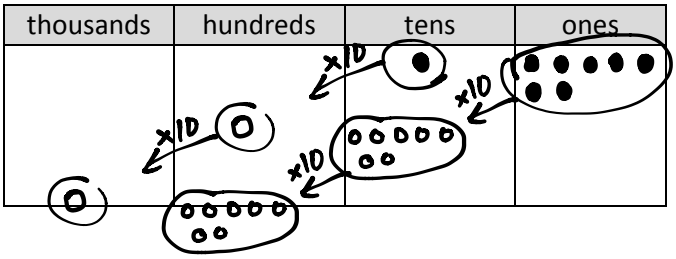
(1 ten 5 ones) × 10 = 15 tens



5. 17 × 100 = 1,700

17 × 10 × 10 = 1,700

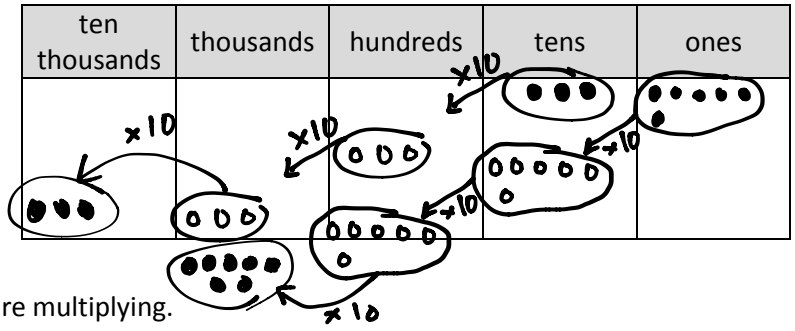
(1 ten 7 ones) × 100 = 17 hundreds



6. 36 × 1,000 = 36,000

36 × 10 × 10 × 10 = 36,000

(3 tens 6 ones) × 1,000 = 36 thousands



Decompose each multiple of 10, 100, or 1,000 before multiplying.

7. 2 × 80 = 2 × 8 × 10

= 16 × 10

= 160

8. 2 × 400 = 2 × 4 × 100

= 8 × 100

= 800

9. 5 × 5,000 = 5 × 5 × 1000

= 25 × 1000

= 25,000

10. 7 × 6,000 = 7 × 6 × 1000

= 42 × 1000

= 42,000