

Name \_\_\_\_\_

Date \_\_\_\_\_

Example:

$$5 \times 10 = \underline{50}$$

$$5 \text{ ones} \times 10 = \underline{5} \text{ tens}$$

thousands	hundreds	tens	ones

Draw place value disks and arrows as shown to represent each product.

1.  $7 \times 100 =$  \_\_\_\_\_

$$7 \times 10 \times 10 =$$
 \_\_\_\_\_

$$7 \text{ ones} \times 100 =$$
 \_\_\_\_\_

thousands	hundreds	tens	ones

2.  $7 \times 1,000 =$  \_\_\_\_\_

$$7 \times 10 \times 10 \times 10 =$$
 \_\_\_\_\_

$$7 \text{ ones} \times 1,000 =$$
 \_\_\_\_\_

thousands	hundreds	tens	ones

3. Fill in the blanks in the following equations.

a.  $8 \times 10 =$  \_\_\_\_\_

b. \_\_\_\_\_  $\times 8 = 800$

c.  $8,000 =$  \_\_\_\_\_  $\times 1,000$

d.  $10 \times 3 =$  \_\_\_\_\_

e.  $3 \times$  \_\_\_\_\_  $= 3,000$

f. \_\_\_\_\_  $\times 3 = 300$

g.  $1,000 \times 4 =$  \_\_\_\_\_

h. \_\_\_\_\_  $= 10 \times 4$

i.  $400 =$  \_\_\_\_\_  $\times 100$

Draw place value disks and arrows to represent each product.

4.  $15 \times 10 =$  \_\_\_\_\_

(1 ten 5 ones)  $\times 10 =$  \_\_\_\_\_

thousands	hundreds	tens	ones

5.  $17 \times 100 =$  \_\_\_\_\_

$17 \times 10 \times 10 =$  \_\_\_\_\_

(1 ten 7 ones)  $\times 100 =$  \_\_\_\_\_

thousands	hundreds	tens	ones

6.  $36 \times 1,000 =$  \_\_\_\_\_

$36 \times 10 \times 10 \times 10 =$  \_\_\_\_\_

(3 tens 6 ones)  $\times 1,000 =$  \_\_\_\_\_

ten thousands	thousands	hundreds	tens	ones

Decompose each multiple of 10, 100, or 1000 before multiplying.

7.  $2 \times 80 = 2 \times 8 \times$  \_\_\_\_\_

$= 16 \times$  \_\_\_\_\_

$=$  \_\_\_\_\_

8.  $2 \times 400 = 2 \times$  \_\_\_\_\_  $\times$  \_\_\_\_\_

$=$  \_\_\_\_\_  $\times$  \_\_\_\_\_

$=$  \_\_\_\_\_

9.  $5 \times 5,000 =$  \_\_\_\_\_  $\times$  \_\_\_\_\_  $\times$  \_\_\_\_\_

$=$  \_\_\_\_\_  $\times$  \_\_\_\_\_

$=$  \_\_\_\_\_

10.  $7 \times 6,000 =$  \_\_\_\_\_  $\times$  \_\_\_\_\_  $\times$  \_\_\_\_\_

$=$  \_\_\_\_\_  $\times$  \_\_\_\_\_

$=$  \_\_\_\_\_