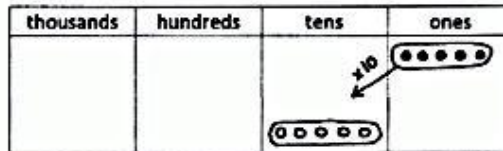


Name Jack Date _____

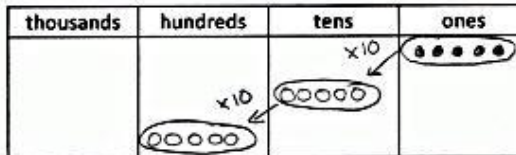
Example:

$5 \times 10 = \underline{50}$
 $5 \text{ ones} \times 10 = \underline{5 \text{ tens}}$

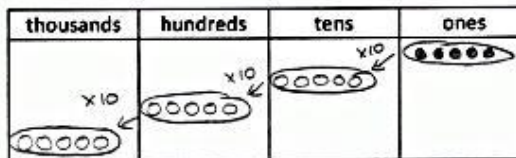


Directions: Draw number disks and arrows as shown to represent each product.

1. $5 \times 100 = \underline{500}$
 $5 \times 10 \times 10 = \underline{500}$
 $5 \text{ ones} \times 100 = \underline{5 \text{ hundreds}}$



2. $5 \times 1,000 = \underline{5,000}$
 $5 \times 10 \times 10 \times 10 = \underline{5,000}$
 $5 \text{ ones} \times 1,000 = \underline{5 \text{ thousands}}$



3. Complete the following equations.

- a. $6 \times 10 = \underline{60}$ b. $\underline{100} \times 6 = 600$ c. $6,000 = \underline{6} \times 1,000$
 d. $10 \times 4 = \underline{40}$ e. $4 \times \underline{100} = 400$ f. $\underline{1,000} \times 4 = 4,000$
 g. $1,000 \times 9 = \underline{9,000}$ h. $\underline{90} = 10 \times 9$ i. $900 = \underline{9} \times 100$

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

4. $12 \times 10 = \underline{120}$

(1 ten 2 ones) $\times 10 = \underline{12 \text{ tens}}$

thousands	hundreds	tens	ones

5. $18 \times 100 = \underline{1,800}$

$18 \times 10 \times 10 = \underline{1,800}$

(1 ten 8 ones) $\times 100 = \underline{18 \text{ hundreds}}$

thousands	hundreds	tens	ones

6. $25 \times 1,000 = \underline{25,000}$

$25 \times 10 \times 10 \times 10 = \underline{25,000}$

(2 tens 5 ones) $\times 1,000 = \underline{25 \text{ thousands}}$

ten thousands	thousands	hundreds	tens	ones

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

7. $3 \times 40 = 3 \times 4 \times \underline{10}$
 $= \underline{12} \times \underline{10}$
 $= \underline{120}$

8. $3 \times 200 = 3 \times \underline{2} \times \underline{100}$
 $= \underline{6} \times \underline{100}$
 $= \underline{600}$

9. $4 \times 4,000 = \underline{4} \times \underline{4} \times \underline{1,000}$
 $= \underline{16} \times \underline{1,000}$
 $= \underline{16,000}$

10. $5 \times 4,000 = \underline{5} \times \underline{4} \times \underline{1,000}$
 $= \underline{20} \times \underline{1,000}$
 $= \underline{20,000}$

