

6.1.21

L.O. To multiply by 10, 100 and 1000

1. Complete the multiplication sentences.

a.

Th	H	T	O
			7

$$7 \times 10 =$$

b.

Th	H	T	O
		3	9

$$39 \times 10 =$$

c.

Th	H	T	O
	2	0	5

$$205 \times 10 =$$

3. What happens to the digits when you multiply a number by 10?

4. Complete the multiplication sentences.

a. $9 \times 10 =$

e. $\times 10 = 320$

b. $54 \times 10 =$

f. $10 \times$ $= 1,350$

c. $10 \times 13 =$

g. $20 \times 10 =$

d. $126 \times 10 =$

h. $\times 10 = 5,000$

5. Multiply each number by 100 and then by 1,000.

a.

HTh	TTh	Th	H	T	O
					9

$$9 \times 100 = \boxed{}$$

$$9 \times 1,000 = \boxed{}$$

b.

HTh	TTh	Th	H	T	O
				1	6

$$16 \times 100 = \boxed{}$$

$$16 \times 1,000 = \boxed{}$$

c.

HTh	TTh	Th	H	T	O
			2	4	5

$$245 \times 100 = \boxed{}$$

$$245 \times 1,000 = \boxed{}$$

6. Complete the multiplication sentences.

a. $45 \times 100 = \boxed{}$

c. $41 \times 10 = \boxed{}$

$52 \times 100 = \boxed{}$

$41 \times 100 = \boxed{}$

$70 \times 100 = \boxed{}$

$41 \times 1000 = \boxed{}$

b. $612 \times 100 = \boxed{}$

d. $10 \times 952 = \boxed{}$

$715 \times 100 = \boxed{}$

$100 \times 952 = \boxed{}$

$720 \times 100 = \boxed{}$

$1000 \times 952 = \boxed{}$