

Multiply by 10 add zero

Divide by 10 take away zero

100	10				
Th	Th	Th	H	T	O
6	0	4	0	0	

6. Fill in the blank to make a true number sentence. Use standard form.

a. (6 ten thousands 4 hundreds) $\times 10 =$ 604,000

b. (7 thousands 3 tens) $\div 10 =$ 703

7. In the spaces provided, write the following units in standard form. Be sure to place commas where appropriate.

a. 9 thousands 3 hundreds 4 ones

9,304

b. 6 ten thousands 2 thousands 7 hundreds 8 tens 9 ones

62,789

c. 1 hundred thousand 8 thousands 9 hundreds 5 tens 3 ones

108,953

8. The football stadium at Michigan State University (MSU) has a seating capacity of 82,532.

a. According to the 2010 census, the population of Lansing, MI, was approximately ten times the amount of people that MSU's stadium can seat. What was the population of Lansing in 2010?

82,532 $\times 10 = 825,320$

The population of Lansing in 2010 was 825,320 people

	100	10				
M	Th	Th	Th	H	T	O
	8	2	5	3	2	

b. Write the seating capacity of the MSU stadium in words and in expanded form.

82,532 people

expanded form: $80,000 + 2,000 + 500 + 30 + 2$

word form: eighty two thousand five hundred thirty two