

Practice 1-2: Whole Number Place Value (Part B)

Multiply or divide using the rules of place value.

Example 1:

$5 \times 100 = 500$

Example 2:

$50 \times 1\,000 = 50\,000$

Example 3:

$5\,000 \div 100 = 50$

- 1) $6 \times 100 =$ _____
- 2) $700 \times 1\,000 =$ _____
- 3) $80 \times 1\,000 =$ _____
- 4) $90 \times 10\,000 =$ _____
- 5) $4\,000 \times 10 =$ _____
- 6) $20 \times 1\,000 =$ _____
- 7) $5\,000 \div 10 =$ _____
- 8) $7\,000 \div 100 =$ _____
- 9) $30\,000 \div 100 =$ _____
- 10) $600\,000 \div 10\,000 =$ _____

Each "place" on the place value chart is 10x greater than the place to its right.

billions period			millions period			thousands period			units period		
hundreds	tens	ones	hundreds	tens	ones	hundreds	tens	ones	hundreds	tens	ones
								7	0	0	0
									7	0	0
										7	0

For example, 7 thousands (7 000) is 10 times greater than 7 hundreds (700),
 7 hundreds (700) is 10 times greater than 7 tens (70), and
 7 tens (70) is 10 times greater than 7 ones (7).

- 11) 600 is _____ times greater than 60.
- 12) 4 000 is _____ times greater than 4.
- 13) 9 000 is _____ times greater than 90.

- 14) 500 000 is _____ times greater than 500.
- 15) 3 000 is 100 times greater than _____.
- 16) 2 000 000 is 1 000 times greater than _____.
- 17) 8 is _____ times smaller than 800.
- 18) 600 is _____ times smaller than 6 000 000.
- 19) 400 is _____ times smaller than 40 000 000.
- 20) 1 000 is _____ times smaller than 100 000.
- 21) 70 is 100 times smaller than _____.
- 22) 300 is 10 000 times smaller than _____.

Find the mystery number.

- 23) I am a four digit number.

Each digit is one more than the one before it.

The number in tens place is 4.

- 24) I am a four digit number.

No two digits are the same.

The sum of the digits is 16.

All digits are odd.

The number in the ones place is 7.

The number in the thousands place is 3.
