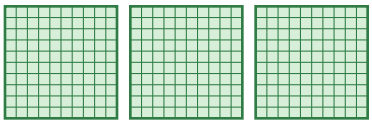
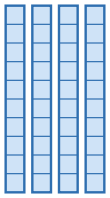
Place Value: How It Works

Hundreds, tens and ones, shown with blocks.

Each digit has a place, and the place tells its value

hundreds	tens	ones
3	4	5
		
3 hundreds	4 tens	5 ones
300	**40**	**5**

Three ways to write the same number

Standard form	**345**
Expanded form	**300 + 40 + 5**
Word form	**three hundred forty-five**

The same digit can be worth different amounts

5 5 5

500	50	5
5 hundreds	5 tens	5 ones

Watch out for zero

A zero holds a place open. In 407 there are no tens, but the 0 has to be written, or the 4 would slide into the tens place and the number would be 47.

407 = 400 + 7