



Comparing the Value of the Places

hundred millions	ten millions	millions	hundred thousands	ten thousands	thousands	hundreds	tens	ones	• decimal	tenths	hundredths	thousandths
								7		7	7	

Each place value is **10 times larger** each time you move to the left. 

Each place value is **10 times smaller** (or $1/10^{\text{th}}$) each time you move to the right. 

Examples:

The **7** in the ones place is **10 times larger** than the **7** in the tenths place. It's **100 times larger** than the **7** in the hundredths place.

The **7** in the hundredths place is **10 times smaller** (or $1/10$) of the **7** in the tenths place. It's **100 times smaller** (or $1/100$) of the **7** in the ones place.