

# Place Value

**A decimal** is a fractional number and is indicated by digits after a period which is called a decimal point.

**Tenths** have one digit after the decimal point. The decimal 0.8 is pronounced "eight tenths" or "zero point eight". It is equal to the fraction  $\frac{8}{10}$ .

**Hundredths** have two digits after the decimal point. The decimal 0.36 is pronounced "thirty-six hundredths" or "zero point thirty-six". It is equal to the fraction  $\frac{36}{100}$ .

**Thousandths** follow a similar pattern. They have three digits after the decimal point. The decimal 0.749 is pronounced "seven hundred forty-nine thousandths" or "zero point seven four nine".

**Ten thousandths** have four digits after the decimal point. There may be zeros after the decimal point. The decimal 0.064 is pronounced "sixty-four thousandths" or "zero point zero six four".