Tenths, hundredths and decimal place value

Number · VC2M4N01

A digit's place tells its value. One whole = 10 tenths = 100 hundredths.

Ones		Tenths		Hundredths
3	.	4		7

$$3.47 = 3 + 0.4 + 0.07$$

☆ Read and rename decimals

First after the point: tenths. Second: hundredths.

3.47 = 3 ones + 4 tenths + 7 hundredths.

0.36 = 36/100: thirty-six hundredths.

☆ Compare matching places

Compare ones, then tenths, then hundredths.

2.70 > 2.65; 2.7 = 2.70.

0.05 has no tenths; 0.5 = 0.50 > 0.05.

☆ Regroup and take small steps

3 wholes + 7 tenths + 16 hundredths = 3.86.

One tenth more: 1.97 + 0.1 = 2.07.

One hundredth less: 2.00 − 0.01 = 1.99.

☆ Model and locate decimals

Shade 36 of 100 equal parts: 0.36 = 36/100.

From 0.10 to 0.20, ten equal steps are 0.01 each.

0.12 is two hundredth-steps after 0.10.

Remember...

Read 3.47 as 'three point four seven': say each decimal digit.

Ten hundredths make one tenth; ten tenths make one whole.