

PLACE VALUE WITH DECIMALS

Every time you move a number **one place to the right**, it gets **10 times smaller**.

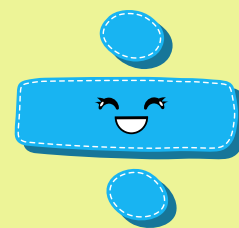
Ones become **tenths**, and **tenths** become **hundredths**.

Each step is like **dividing by 10**.

One	Decimal	Tenths	Hundredths
1	$\div 10$.	0.1	$\div 10$ 0.01

$$1 \div 10 = 0.1 \text{ or } \frac{1}{10}$$

When we moved from the ones, we **divided by 10**, like we do with fractions.



It's the same as **dividing by 10** every time you move **one place value to the right**.

When we move **one step to the left**, the number gets **ten times bigger**. It's like **multiplying by 10**.

