

Dividing by 10 and 100

Tenths, Hundredths and Thousandths Place Value Grid

Hundreds	Tens	Ones	• tenths	hundredths	thousandths

$\times 10$

Hundreds	Tens	Ones	• tenths	hundredths
		0	• 7	

$\div 10$

What happens to the value of the 7 as it moves left across the place value grid?
What happens to the value of the 7 as it moves right across the place value grid

When a digit is moved one place to the right, its value is divided by 10.

Hundreds	Tens	Ones	• tenths	hundredths
		0	• 0	2

$\div 100$ $\div 100$ $\div 100$

How can we use place value to divide by 100?

When a digit is moved **two** places to the right, its value is divided by 100.

We have looked at this in class last term.

Try-

$2 \div 10 =$

$43 \div 10 =$

$17 \div 10 =$

$85 \div 10 =$

$60 \div 10 =$

$5 \div 100 =$

$28 \div 100 =$

$14 \div 100 =$

$70 \div 100 =$

$199 \div 100 =$

$56 \div 10 =$

$35 \div 100 =$

Now create 10 of your own calculations.

