

Mathematics

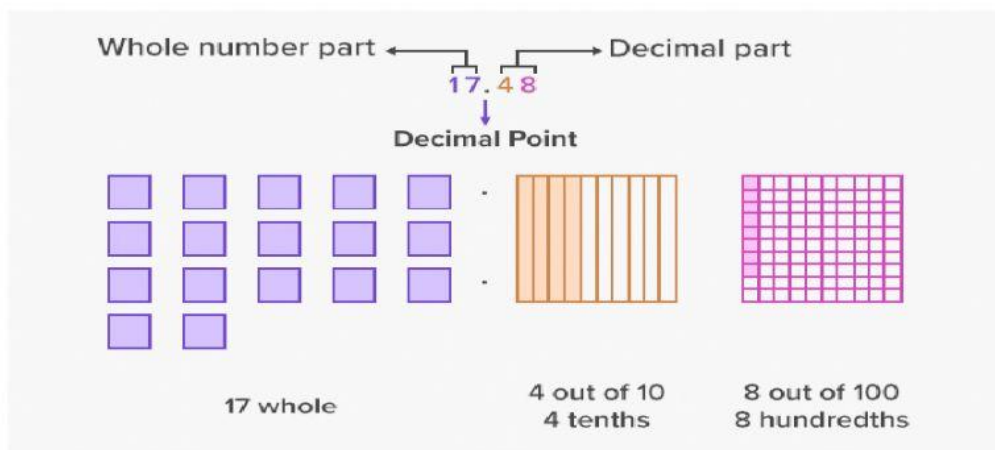
Place Value of Decimals Practice

A **place value chart** can help you read and write decimals.

PLACE VALUE CHART

T H O U S A N D S	H U N D R E D S	T E N S	O N E S	D E C I M A L	T E N T H S	H U N D R E D T H S	T H O U S A N D T H S
				.			

Decimals are numbers that use a decimal point and place value to show fractions.



Tens	Ones	Decimal Point	Tenths	Hundredths	Thousandths
10	1	.	0.1	0.01	0.001
$\frac{10}{1}$	$\frac{1}{1}$	.	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1,000}$
		.			
		.			
		.			
		.			
		.			
		.			

Reading Decimals

How do you say 36.57?

36 . 57
↓ ↓ ↓
thirty-six and fifty-seven hundredths

How do you say 4.603?

4 . 603
↓ ↓ ↓
four and six hundred three thousandths

Example:

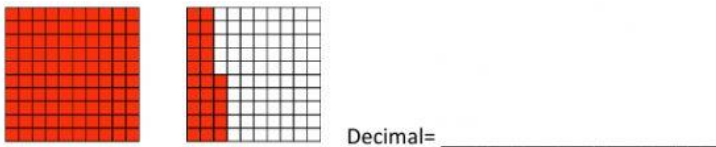
Standard Form: 17.48

Read **Word Form**: seventeen and forty eight hundredths

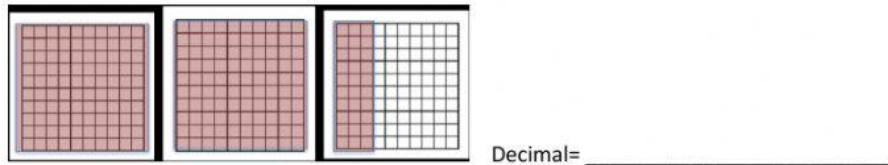
1. Write the **fraction** and **decimal** represented by the shaded area.



2. Write the **decimal** represented by the shaded area. Then write the **word form** for the number.



Word Form= _____



Word Form= _____

3. Name the **place value** of each digit in number 3.586.

3= _____ 5= _____ 8= _____ 6= _____

4. Write the **value** of the underlined digits.

Example 1.24 = 0.2

a) 1.459 = _____

b) 10.348 = _____

c) 0.304 = _____

5. Write the **word form** of each decimal.

Example **18.56** = **eighteen and fifty-six hundredths**

a) 1.459 _____

b) 10.348 _____

c) 0.304 _____