

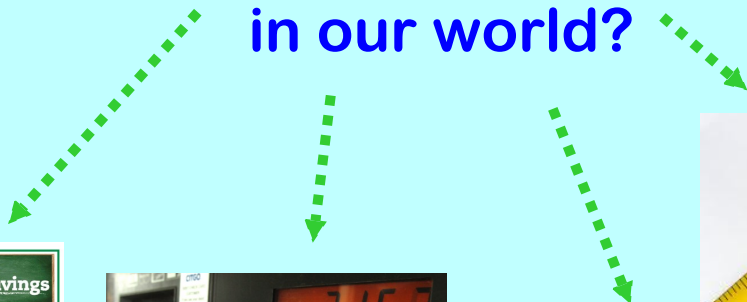
A colorful graphic titled "Decimals" in large purple letters. It features several examples of decimal numbers with labels for their place values: 0.51 (tenth, hundredth), 2.5 (thousandth), 7.8 (recurring), and 21.33 . The word "Decimals" is written in a large, stylized font. The background is yellow and orange. There is a "Teaching Ideas" logo at the bottom right and a "© ThinkStock" watermark on the right side.

Decimal Place Value

Decimals name wholes and parts of a whole

1 whole 1.0	$\frac{1}{10}$ 0.1 one tenth	$\frac{1}{100}$ 0.01 one hundredth

Where do we see decimals in our world?



Sobey's A+ Savings

SAVE \$4.10 Special

288 smart products

377

Fuel the Savings is back! Saving makes sense. FastFuel IRVING

SAVE 20% Special

69¢

2/4.44

477

SAVE 40% Special

59¢

1.99

2.99

Sale Starts Thursday! Prices and offers in effect September 5 6 7 8 9 10 11

Decimal Place Value Chart

The place value system extends to the left as it does to the right.

Ones	Tenths	Hundredths	Thousandths	Ten Thousandths	Hundred Thousandths	Millionths

How to Say and Write Decimal Numbers

ONES PERIOD	DECIMAL PERIOD
Say the number, then say _____	Say the number, then say _____
(in place of the decimal)	_____

For example:

4.9 -----> 4.
Four **and**

.9 <-- tenths place
nine **tenths**

2.035 ----> 2.
Two **and**

.035 <-- thousandths place
thirty-five **thousandths**

Exit Card: Decimal Word Form

Write the following decimal numbers in word form:

a) 3.45

b) 5.017

c) 0.3580

Decimal Game: Who can make the
greater decimal number?



