MATHEMATICAL CONCEPTS

DECIMALS QUIZ

5

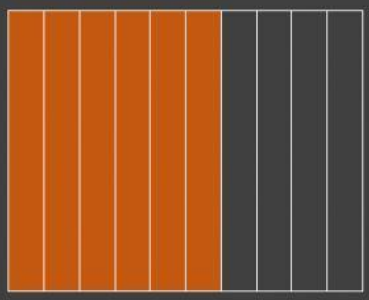
- metric prefix for one tenth or 1/10.
- deci- means based on 10

Ten thousands	Thousands	Hundreds	Tens	Ones	Decimal ●	Tenths	Hundredths	Thousandths
			3	4	and	5	6	7

Whole Numbers ← → Decimals

Say the amount in front of the decimal point first. Read "and' as the decimal point. Say the number after the decimal and add the place of the last digit.

Example: 34 and 567 thousandths (thirty – four and five hundred and sixty-seven thousandths)

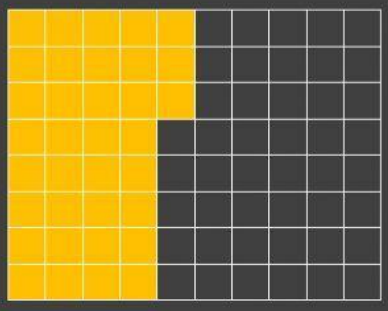


Using a 10s model:

There are 8 pieces out of 10 colored. Therefore, when written as a decimal we write 0.8

The place value of the 8 is tenths

The fraction is $\frac{8}{10}$



Using the 100s model:

There are 43 out of the 100 pieces colored.

Therefore, when written as a decimal we write 0.43

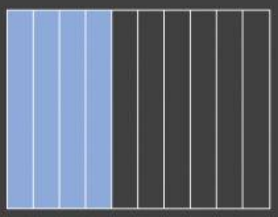
The place value of the 4 is tenths and the place value of the 3 is hundredths

The fraction is $\frac{43}{100}$

LIVEWORKSHEETS

MATHEMATICAL CONCEPTS

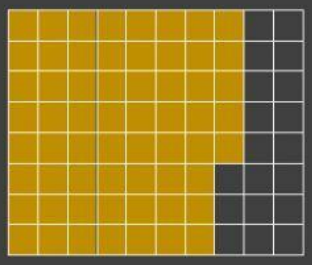
1. Write the decimal in three ways:



word form: _____

decimal form: _____

Fraction : _____



word form: _____

decimal form: _____

Fraction : _____

2. Write >, <, or = to compare each set of decimals.

0.4 ☐ 0.7 7. 06 ☐ 7.006

3. Using the decimal below, complete the following:

476.985

a. Identify the digit in the hundredths place _____

b. **Round** the decimal to the nearest tenth _____

c. Increase the decimal by 100 _____

4. What is the missing number?

25.63 × _____= 2563

495 ÷ _____ = 49.5

LIVEWORKSHEETS