

- b. 'twenty-six and six-hundredths'; 'nine thousand, three hundred and six, and seventeen-hundredths'

c.



Word form	
26.06	twenty-six and six-hundredths
9306.17	nine thousand, three-hundred and six, and seventeen-hundredths

Lesson 7

Topic: Fractions and decimals

Converting between fractions and decimals

Lesson concepts

-  Fractional Understanding — Decimals
-  Fractional Understanding — Fractions

Lesson notes

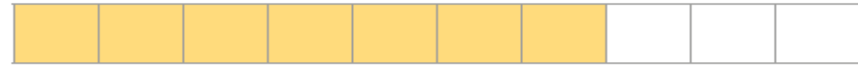
In this lesson, students will represent decimal numbers in fraction form, word form and on place value charts. They will also use a calculator to convert fractions to decimals.

Lesson answers

- Decimals are numbers that contain a decimal point. Numbers to the right of the decimal point are fractions of a whole number.
 - The place value system can show decimals by adding columns to the right of the ones. The column directly to the right shows tenths, and the column two places to the right shows hundredths.
 - The decimal point separates the whole number from the fraction.
- | one-tenth | two-tenths | three-tenths | four-tenths | five-tenths | six-tenths | seven-tenths | eight-tenths | nine-tenths | ten-tenths |
|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|
| $\frac{1}{10}$ | $\frac{2}{10}$ | $\frac{3}{10}$ | $\frac{4}{10}$ | $\frac{5}{10}$ | $\frac{6}{10}$ | $\frac{7}{10}$ | $\frac{8}{10}$ | $\frac{9}{10}$ | $\frac{10}{10}$ |
| 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1 |

3. a. 'seven-tenths' or 'zero point seven'

b.



c.

Ones			Parts of one	
H	T	O	t	h
		0	7	

d.

Decimal	Word form	Fraction
0.7	seven-tenths	$\frac{7}{10}$

4. a. 'four-tenths' or 'zero point four'

b.



c.

Ones			Parts of one	
H	T	O	t	h
		0	4	

d.

Decimal	Word form	Fraction
0.4	four-tenths	$\frac{4}{10}$

5. a. 'four-hundredths' or 'zero point zero four'