

Represent and Compare Decimals Quiz

1. Complete the table to show ways to represent decimals. The first one is done for you.

	Decimal	Fraction	Words	Expanded Form
Ex.	0.356	$\frac{356}{1000}$	three hundred fifty-six thousandths	$.3 + .05 + .006 = .356$
A.			twenty-seven hundredths	
B.	0.065			
C.			one and seven tenths	
D.				$.4 + .05 + .008 = .458$
E.		$\frac{63}{100}$		

- 2 Use $<$, $>$, or $=$ to make each number sentence true.

A. $0.5 \bigcirc 0.475$

B. $.094 \bigcirc .1$

C. $.2 \bigcirc 0.200$

D. $0.37 \bigcirc .6$

3. Write these numbers in order from smallest to largest.

.08 0.69 .632 0.582 .009 .074

4. Luis wrote this number sentence:

$$.087 > .4$$

Do you agree with Luis? Explain your thinking.

Use what you know about place value and the decimal number lines to complete Questions 5–7.

5. Round each decimal to the nearest whole number.

A. 29.84 _____ **B.** .923 _____

C. 12.001 _____ **D.** 32.632 _____

E. Show or tell how you solved Question 5B.

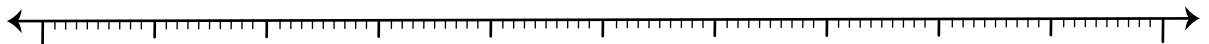


6. Round each decimal to the nearest tenth.

A. 29.84 _____ **B.** .923 _____

C. 12.001 _____ **D.** 32.632 _____

E. Show or tell how you solved Question 6C.



7. Round each decimal to the nearest hundredth.

A. 2.984 _____ **B.** .916 _____

C. 12.009 _____ **D.** 16.097 _____

E. Show or tell how you solved Question 7D.

