

## Equivalent Decimals

Equivalent decimals are different names for the same number or amount.

$$2 \text{ tenths} = 20 \text{ hundredths}$$

$$0.2 = 0.20$$

In the place-value chart, both numbers have a 2 in the tenths place.

Ones	.	Tenths	Hundredths	
0	.	2		← 2 tenths hundredths
0	.	2	0	← 20

The zero to the right of the 2 does not change the value of the decimal. So, they are equivalent.

### Examples:

A- Write equivalent or not equivalent to describe each pair of decimals.

1) 1.11 and 1.110

2) 2.06 and 2.60

3) 4 and 4.000

equivalent

not equivalent

equivalent

B- Write an equivalent decimal for each number.

4) 0.6  
0.60

5) 4.50  
4.5

6) 3.780  
3.78

7) 9.08  
9.080

**Examples:**

A- Compare using  $<$ ,  $>$  or  $=$ .

8)  $0.478 \underline{>} 0.487$

9)  $1.65 \underline{=} 1.650$

10)  $5.982 \underline{<} 5.892$

B- Order from least to greatest.

4.20, 4.21, 4.12, 4.121

4.21 - 4.20 - 4.121 - 4.12

C- Order from greatest to least.

0.432, 0.342, 0.423, 0.234, 0.324,

0.234 - 0.324 - 0.342 - 0.423 - 0.432