



ANCHOR CHART · GRADE 5 · 5.NBT.A.3.B

Comparing and Ordering Decimals

More digits does not mean more number. Walk the places left to right, stop at the first difference.

1 Walk Left to Right

Ones	Tenths	Hundredths	Thousandths
3	.	2	4
3	.	2	0
same	same	4 < 5	

Both hold 3 ones and 2 tenths. Hundredths differs first, and 4 is less than 5, so $3.246 < 3.25$.
Nothing to the right can overturn it.

2 Longer Is Not Larger

$0.45 > 0.6$
 $0.45 < 0.60$
 $\times$ 45 beats 6
 $\checkmark$ 45 vs 60
hundredths

Counting digits is a **whole number** habit. 0.45 is forty-five hundredths and 0.6 is sixty hundredths, so the longer number is the smaller one.

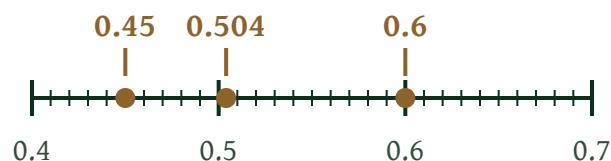
3 End Zeros, Inside Zeros

$0.6 = 0.60 = 0.600$
same value, more places

0.45 0.045
45 hundredths 45 thousandths

A zero **after** the last digit fills an empty place and changes nothing. A zero **right after the point** shoves every digit one place further right, so 0.045 is a tenth of 0.45.

4 Order Them on a Line



$0.45 < 0.504 < 0.6$

A line settles a whole set, and puts 0.504 just past 0.5. The symbol opens toward the **larger** number.