

42.583 ← standard
↑ thousands

Written Form

forty two and five hundred eighty three
thousandths.

$$40 + 2 + 0.5 + 0.08 + 0.003$$

15.274

Write in:

1. Written Form

2. Expanded Form

fifteen and two
hundred seventy four
thousandths.

$$10 + 5 + 0.2 + 0.07 + 0.004$$

342.751

What value does each digit represent?

- 3 = 300
- 4 = 40
- 2 = 2
- 7 = 0.7
- 5 = 0.05
- 1 = 0.001

Move LEFT  numbers get BIGGER

$1 \rightarrow 10 \rightarrow 100 \rightarrow 1000$

Move RIGHT  numbers get SMALLER

$0.1 \rightarrow 0.01 \rightarrow 0.001$

Which Decimal Is Larger?

Compare:

0.7 or 0.65

$$0.7 > 0.65$$

0.7
0.70 ← equivalent.

1.5.34 _____ < 5.43

2.0.89 _____ > 0.809

3.17.2 _____ = 17.20

4.4.125 _____ < 4.25

5.6.003 _____ < 6.03

Use: < , > , or =

Exit Ticket

Number: 48.306

1. Write in expanded form.
2. Write in written form.
3. What place value is the digit 3 in?
4. Order from smallest to largest: 0.5, 0.05, 0.505