

Representations

Numbers can be represented in a variety of ways:

| |
|---|
| 4,812,300 |
| 4,000,000 812,300 |

| M | HTH | TTH | TH | H | T | O |
|----|-----|-----|----|-----|----|---|
| ●● | ● | ●● | | ●●● | ●● | ● |

• ones, tens, hundreds, thousands, ten thousands, hundred thousands, millions, ten million

Vocabulary

increase/decrease
 less than/greater than
 equal to
 rounding / nearest
 negative number
 compare / order
 partitioning
 lace value
 part, part whole

Comparing Numbers

We can compare numbers using the < and > symbols.

< means less than > means greater than
 = means equal to

>

$122,845 < 123,518$
 $2,579,736 > 2,579,436$

Ordering Numbers

When we put numbers in order, we need to compare the value of their digits.

2,123,518

2,123,736

2,122,845

2,122,845

2,123,518

2,123,736

Smallest
→

Negative Numbers

Negative numbers
Positive numbers

Rounding

527,356

527,356 to the **nearest 10** is 527,360

527,356 to the **nearest 100** is 527,400

527,356 to the **nearest 1000** is 527,000

527,356 to the **nearest 10,000** is 530,000

527,356 to the **nearest 100,000** is 500,000

527,356 to the **nearest 1,000,000** is 1,000,000