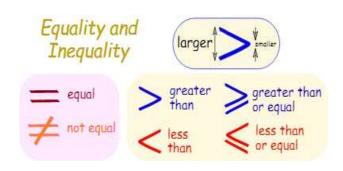
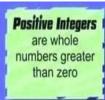
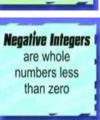
# Y7 Maths Block 1 - Number Sense



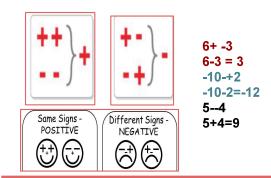




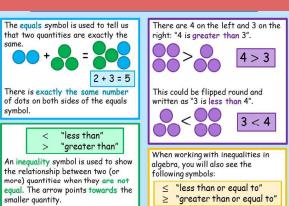
#### Ten Thousandths Ten Thousands Hundredths Hundreds Ones Tens TTh Th th 0 . h

## Addition and Subtraction Integer Rules

The rule gives the sign of the operation when 2 signs are next to each other



## Inequalities



Inverse Operations	
+	_
_	+
X	•
÷	X
<b>x</b> <sup>2</sup>	√x

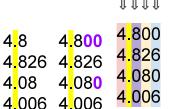
#### Ordering Decimals

Place Value

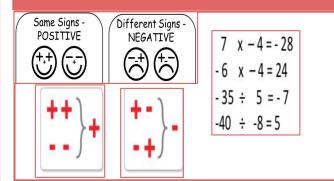
Step 1 Stack numbers up & line up decimal place

Step 2 Add zeros to get same number of decimal digits

Step 3 Compare each place value Step 4 Order the numbers



### Multiplying and Dividing Integers Rules





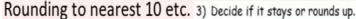
Multiplying by 0.1 is the same as dividing by 10 Multiplying by 0.01 is the same as dividing by 100

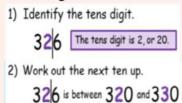
#### Rounding

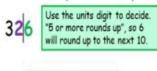
4.8

4.826

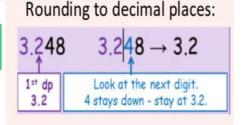
4.08







 $326 \rightarrow 330$ 



## Round to the nearest 100- hundred

Underline the number in hundreds place

Look at the number to the right next door

If it's 5 or more, round the hundred up, if not it stays the same Add zeros after the number you underlined

> 231 **231** 200 **231**