



Addition and Subtraction



SOL 3.2; 3.4; 3.20 a-b

Vocabulary:

Addend: number that is added to another number

Commutative property: changing the order of the addends does not change the sum

Difference: answer when numbers are subtracted from each other

Estimate: find an answer by rounding to the nearest 10, 100, or 1,000

Identity property: when the number 0 is added to another number, that number stays the same

Number sentence: an equation using numbers and operation symbols

Regrouping: exchange of digits from different places

Related facts: three numbers that are reordered in 4 number sentences (fact family)

Sum: the answer when numbers are added to each other



Examples

$5 + 4 = 9$

Addend

Sum

$12 - 10 = 2$

Difference

Commutative Property:

$6 + 3 = 9$ $3 + 6 = 9$

Identity Property:

$7 + 0 = 7$

Related Facts:

$4 + 3 = 7$ $3 + 4 = 7$ $7 - 3 = 4$ $7 - 4 = 3$

Regrouping

Think: I must remember to write a zero under the ones column when I have 10 ones to show that there are no ones left after regrouping.

Think: I must remember to write a 1 in the tens column when I make 1 ten.

	Tens	Ones
	6	2
+	1	8
		0

	Tens	Ones
	1	
	6	2
+	1	8
	8	0

Estimating Sums

74	70
+ 48	+ 50
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122	120