Unit 1 Math Study Guide

Solve two-digit addition problems within 100

Always start by adding the ones first!

32	26	27	53	52
+ 25	+32	+61	+26	+47
57	58			

If it equals more than ten, carry the ten. Then add the tens column.

1	1			
28	65	49	67	73
+37	+29	+36	+18	+19
6 5	94			

Solve two-digit subtraction problems within 100

Use this poem to help you recognize if you need to regroup before subtracting.

More on the top?- No need to stop!
More on the floor?- Go next door! Get one ten. That's ten ones more!
Numbers the same?- Zero's the game!

4 12		**7 11**					
~~5~~2	27	~~8~~1	48	75	63	86	90
- 36	-12	-25	-31	-19	-48	-52	-64
16	15	56	17				

Solve one-step addition and subtraction number stories

When solving a number story it is important to remember to include a unit and a number sentence in the answer.

Students will need to solve number stories such as:

1. Bill had 23 pencils. His friend gave him 16 more. How many pencils does Bill have in all?
   Number sentence: 23 + 16= 39
   Unit: pencils
2. Susie had 10 erasers. She lost 3 erasers. How many erasers does she have left?
   Number sentence: 10 - 3= 7
   Unit: erasers

Fluently add and subtract within 20 using mental strategies

Composing (making) 10 is one mental strategy.

8 + 4 = 12
2 + 2

I can decompose (break-apart) the 4 as 2+2.
Next, I compose a 10 by adding 8 + 2.
Then I add 10 + 2 to get my final answer: 12.

9 + 5 = 14
1 + 4

I can decompose the 5 as 1+4.
Next, I compose a 10 by adding 9+1.
Then I add 10 + 4 to get my final answer: 14.

Math fact strategies help with mental math.

Knowing doubles facts can help to solve doubles + 1 problems.

Examples- 4+4=8, so 4+5=9 16-8=8, so 17-8=9