

Unit 2: Addition and Subtraction - Study Guide⁰⁶

Note to Parents: This is a study guide. A more detailed review will be done in class or as homework the week of the test.

Concepts Covered: Addition Properties and Fact Families

Estimating Sums	Addition of 2 & 3 digit #'s/Column Add.
Adding Greater #'s	Subtraction Facts
Estimating Differences	Subtracting 2 & 3 digit #'s
Subtracting Greater #'s	Subtracting Across Zeroes
Using \$ + Word problems	Metric Measurement (length)

SKILLS TESTED	SAMPLE PROBLEMS
<ul style="list-style-type: none"> Be able to solve addition and subtraction problems with multiple digits. 	$\begin{array}{r} 34,509 \\ + 12,187 \\ \hline \end{array}$ $\begin{array}{r} 1,076 \\ - 431 \\ \hline \end{array}$ $\begin{array}{r} 246 \\ 34 \\ 119 \\ + 92 \\ \hline \end{array}$ $\begin{array}{r} \$54.09 \\ - 12.87 \\ \hline \end{array}$
<ul style="list-style-type: none"> Be able to read word problems and decide what to do: add, subtract, estimate or find an exact answer. 	<p>Alejandro had 32 pencils. Adrian had 16 pencils. About how many more pencils did Alejandro have than his friend?</p> <p>exact answer or estimate</p>
<ul style="list-style-type: none"> Know the 3 addition properties: Grouping or Associative property Order or Commutative property Zero property 	$K + B = \underline{\quad} + B \quad 126 + \underline{\quad} = 126$ $4 + (3 + 1) = (4 + \underline{\quad}) + 1$

<ul style="list-style-type: none"> Be able to find a pattern in numbers or shapes. 	2, 3, 5, 8, 12, __, __ 64, 59, 54, ____, __
<ul style="list-style-type: none"> Be able to <u>estimate</u> to solve a problem. 	$\begin{array}{r} 1,712 \\ + \quad 95 \\ \hline \end{array}$ $\begin{array}{r} 936 \\ - \quad 41 \\ \hline \end{array}$
Know the estimating rule: Round to the highest place of the smallest number.	
<ul style="list-style-type: none"> Know that subtraction is the inverse of addition. 	$74 + \underline{\quad} = 109$ $109 - \underline{\quad} = 74$
<ul style="list-style-type: none"> Know your fact families. 	Write the fact family for 0, 5, 5 _____ _____ _____ _____
<ul style="list-style-type: none"> Be able to use your math chart to measure in metric. 	----- _____ cm
<ul style="list-style-type: none"> Know the best way to measure an item in metric. 	Hallway _____ Top of desk _____

Addition/Subtraction Review packet will be sent home on _____

Addition/Subtraction Test is scheduled on _____