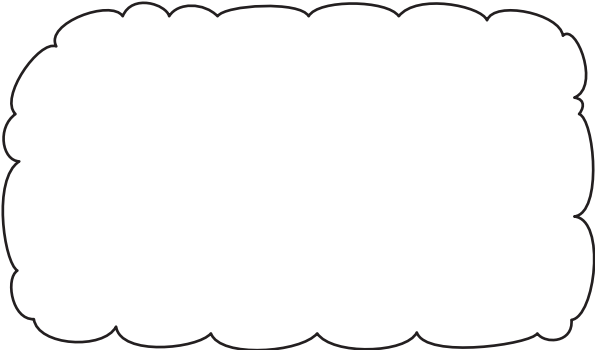


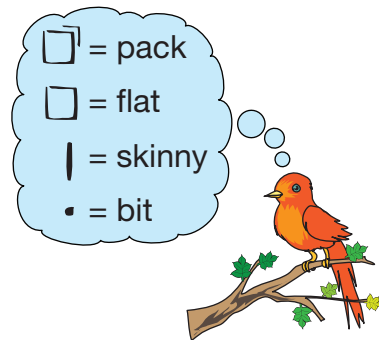
Multidigit Addition and Subtraction Quiz

Solve each problem. Use the *Addition Strategies Menu* and the *Subtraction Strategies Menu for Larger Numbers* in the Reference section.

<p>1. A. Use the compact method:</p> $\begin{array}{r} 845 \\ - 327 \\ \hline \end{array}$	<p>B. Check it with addition:</p>
<p>2. A. Use mental math to solve $500 - 246$:</p> 	<p>B. Check it with addition:</p>
<p>3. A. Use expanded form to solve $687 - 462$:</p> $687 = \underline{\quad} + \underline{\quad} + \underline{\quad}$ $462 = \underline{\quad} + \underline{\quad} + \underline{\quad}$ <hr/> $\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$	<p>B. Check it with addition:</p>

4. A. Estimate the sum of 792 and 408. _____

B. Use base-ten shorthand or a number line to solve $792 + 408$.



C. How do you know your answer is reasonable?

Name _____ Date _____

**Multidigit Addition and Subtraction Quiz
Feedback Box**

	Expectation	Check In	Comments
Use and apply place value concepts to make connections among representations of multidigit numbers using base-ten pieces, number lines, expanded form, and standard form. [Q# 3, 4B]	E1		
Represent addition problems using base-ten pieces and number lines. [Q# 4B]	E5		
Add and subtract multidigit numbers using mental math strategies with base-ten pieces and number lines. [Q# 2, 4B]	E6		
Add and subtract multidigit numbers using paper-and-pencil methods. [Q# 1, 3]	E7		

Yes . . .

Yes, but . . .

No, but . . .

No . . .

	Yes . . .	Yes, but . . .	No, but . . .	No . . .
MPE2. Find a strategy. I choose good tools and an efficient strategy for solving the problem. [Q# 1–4]				
MPE3. Check for reasonableness. I look back at my solution to see if my answer makes sense. If it does not, I try again. [Q# 4]				
MPE4. Check my calculations. If I make mistakes, I correct them. [Q# 1–3]				
MPE5. Show my work. I show or tell how I arrived at my answer so someone else can understand my thinking. [Q# 1–4]				