

**Teacher Guide**

**Practice Mental Math (TG pp. 1–2)  
Homework  
Questions 1–6**

Possible responses are shown for each question.

1. 328; Strategy:  $427 - 100 = 327$   
 $327 + 1 = 328$   
 Estimate:  $427 - 100 = 327$
2. 33; Strategy:  $100 - 70 = 30$   
 $30 + 3 = 33$   
 Estimate:  $100 - 60 = 40$ ; I subtracted  
 10 tens – 6 tens = 4 tens or 40.
3. 4; Strategy: I counted up from 799: 800, 801,  
 802, 803. That’s 4.  
 Estimate: I found a friendly number for 803 is  
 800;  $800 - 799 = 1$ .
4. 506; Strategy: I subtracted  $700 - 200 = 500$ .  
 Then I counted up from 59 to 65: 60, 61, 62,  
 63, 64, 65. That’s 6 more.  $500 + 6 = 506$ .  
 Estimate: About 750 minus about 250 is 500.
5. 150; Strategy: I counted up from 150 to 300 by  
 fifties: 200, 250, 300. That’s 3 fifties or 150.  
 Estimate: I subtracted the hundreds:  
 $300 - 100 = 200$ . That’s close to 150.
6. 311; Strategy: I counted up 2 from 598 to 600.  
 $909 - 600 = 309$ .  $309 + 2 = 311$ .  
 Estimate: I found friendly numbers for 909 and  
 598:  $900 - 600 = 300$ .

Name \_\_\_\_\_ Date \_\_\_\_\_

**Practice Mental Math**

**Homework**

Dear Family Member:  
 We have been using different mental math strategies to solve subtraction problems: using base-ten pieces,  
 finding friendly numbers, using number lines, and counting back by hundreds. Then we estimate to check if  
 answers make sense. Ask your child to explain how he or she used mental math to solve each problem.  
 Thank you.

**Show or tell how to use mental math to solve each problem. Then estimate to see if the  
 difference is reasonable.**

1.	$\begin{array}{r} 427 \\ - 99 \\ \hline \end{array}$	<b>Mental Math Subtraction Strategy</b>	<b>Estimate</b>
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Name \_\_\_\_\_ Date \_\_\_\_\_

		<b>Mental Math Subtraction Strategy</b>	<b>Estimate</b>
2.	$\begin{array}{r} 100 \\ - 67 \\ \hline \end{array}$		
3.	$\begin{array}{r} 803 \\ - 799 \\ \hline \end{array}$		
4.	$\begin{array}{r} 765 \\ - 259 \\ \hline \end{array}$		
5.	$\begin{array}{r} 300 \\ - 150 \\ \hline \end{array}$		
6.	$\begin{array}{r} 909 \\ - 598 \\ \hline \end{array}$		

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