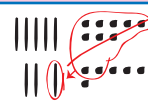
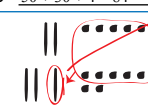
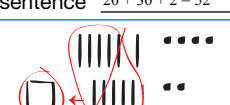
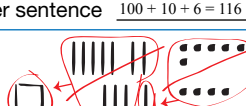

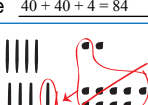
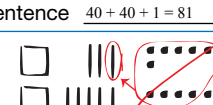
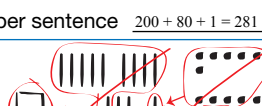
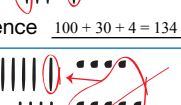


Teacher Guide

**Solve with Base-Ten Pieces (TG pp. 1–2)
Homework
Questions 1–10**

Problem	Drawing or Base-ten Shorthand and Number Sentence
1. $\begin{array}{r} 58 \\ + 26 \\ \hline 84 \end{array}$	 Number sentence <u>50 + 30 + 4 = 84</u>
2. $\begin{array}{r} 25 \\ + 27 \\ \hline 52 \end{array}$	 Number sentence <u>20 + 30 + 2 = 52</u>
3. $\begin{array}{r} 64 \\ + 52 \\ \hline 116 \end{array}$	 Number sentence <u>100 + 10 + 6 = 116</u>
4. $\begin{array}{r} 76 \\ + 34 \\ \hline 110 \end{array}$	 Number sentence <u>100 + 10 = 110</u>

Problem	Drawing or Base-ten Shorthand and Number Sentence
5. $\begin{array}{r} 47 \\ + 37 \\ \hline 84 \end{array}$	 Number sentence <u>40 + 40 + 4 = 84</u>
6. $\begin{array}{r} 42 \\ + 39 \\ \hline 81 \end{array}$	 Number sentence <u>40 + 40 + 1 = 81</u>
7. $\begin{array}{r} 126 \\ + 155 \\ \hline 281 \end{array}$	 Number sentence <u>200 + 80 + 1 = 281</u>
8. $\begin{array}{r} 96 \\ + 38 \\ \hline 134 \end{array}$	 Number sentence <u>100 + 30 + 4 = 134</u>
9. $\begin{array}{r} 44 \\ + 49 \\ \hline 93 \end{array}$	 Number sentence <u>50 + 40 + 3 = 93</u>


10. $44 \rightarrow 40$
 $49 \rightarrow \underline{50}$
 90

Possible response: Jason's answer is not reasonable because his answer should be close to 90. His answer is much larger than 90.


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Solve with Base-Ten Pieces



Dear Family Member:
In class we are using our understanding of place value to add larger numbers. Drawing the base-ten pieces helps remind us how large a number is when we know its "place."
Thank you.

Problem	Drawing or Base-Ten Shorthand and Number Sentence
Ex. $\begin{array}{r} 57 \\ + 26 \\ \hline 83 \end{array}$	 Number sentence <u>50 + 30 + 3 = 83</u>
1. $\begin{array}{r} 58 \\ + 26 \\ \hline \end{array}$	Number sentence _____
2. $\begin{array}{r} 25 \\ + 27 \\ \hline \end{array}$	Number sentence _____
3. $\begin{array}{r} 64 \\ + 52 \\ \hline \end{array}$	Number sentence _____
4. $\begin{array}{r} 76 \\ + 34 \\ \hline \end{array}$	Number sentence _____

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Name _____ Date _____

Problem	Drawing or Base-Ten Shorthand and Number Sentence
5. $\begin{array}{r} 47 \\ + 37 \\ \hline \end{array}$	Number sentence _____
6. $\begin{array}{r} 42 \\ + 39 \\ \hline \end{array}$	Number sentence _____
7. $\begin{array}{r} 126 \\ + 155 \\ \hline \end{array}$	Number sentence _____
8. $\begin{array}{r} 96 \\ + 38 \\ \hline \end{array}$	Number sentence _____
9. $\begin{array}{r} 44 \\ + 49 \\ \hline \end{array}$	Number sentence _____

10. Jason solved Question 9. Show Jason how to estimate the answer to the problem and explain why his answer is not reasonable.

$$\begin{array}{r} 44 \\ + 49 \\ \hline 813 \end{array}$$

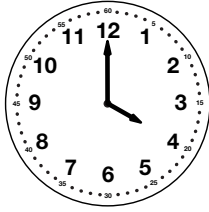
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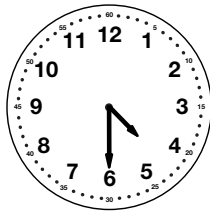
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Part 4. Time (TG p. 3)
Questions 1–2

1.



Jackie left home at 4:00



Time she arrived at skating rink 4:30

2. Answers will vary. One possible response: Sara will not have enough time because she arrived at the skating rink at 4 o'clock. If she goes home, it will be almost 4:30. She will not have enough time to get back to the skating rink by 4:30.

Part 5. Many Ways to Show a Number (TG p. 4)
Questions 1–2

1.

$100 + 100 + 30 + 7$
 $100 + 130 + 7$
 $200 + 30 + 7$
 $200 + 37$
 $200 + 3 + 17$

2. Possible responses:

$200 + 20 + 17$

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Part 4 Time

1. Jackie lives 30 minutes away from the ice-skating rink. She is meeting her friends Sara and Rosa there at 4:30. At what time does she have to leave home in order to be at the rink on time? Draw both times on the clocks below.

Time Jackie left home

Time she arrived at skating rink

2. Sara arrived at the rink at 4 o'clock but realized she forgot her skates. She lives near Jackie but it does not take her quite as long to get to the skating rink. Do you think she has time to go home and still make it back to the rink before 4:30? Explain.

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Name _____ Date _____

Part 5 Many Ways to Show a Number

1. Circle the ways to show 237.

$100 + 100 + 30 + 7$
 $100 + 130 + 7$
 $200 + 30 + 7$
 $200 + 3 + 17$

2. Show 237 another way.

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Part 6. Money (TG p. 5)

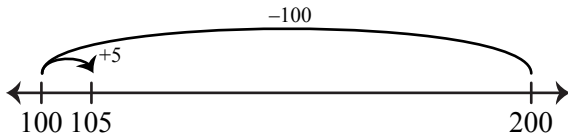
Questions 1–2

1. 95¢; Pictures or words will vary. Possible strategy:



2. 105¢ or \$ 1.05; $50¢ + 45¢ = 95¢$; which is almost a dollar.

One possible response:



Name _____ Date _____

Part 6 Money

Show or tell how to solve each problem.

1. Jessie has \$1.50 to spend at the skating rink. Skate rental costs 55¢. How much money will Jessie have left to spend?

2. Rosa has \$2.00 to spend at the rink. She bought a cup of hot chocolate for 50¢ and a warm pretzel for 45¢. How much money will Rosa have left?

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