1. Write the numbers going down to see the tens.

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<th></th>
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<th>11</th>
<th>41</th>
<th>71</th>
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<tr>
<td>2</td>
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<td></td>
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<tr>
<td>3</td>
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<td>63</td>
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<td>44</td>
<td>74</td>
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<td>25</td>
<td>95</td>
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<td>37</td>
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<tr>
<td></td>
<td>18</td>
<td>88</td>
<td></td>
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</tr>
<tr>
<td>10</td>
<td>20</td>
<td>50</td>
<td>100</td>
<td></td>
</tr>
</tbody>
</table>

2. What number comes after 100? ____________

3. What number comes next? ____________
Complete the Math Mountains and equations.

1. Complete the Math Mountains and equations.

\[
\begin{align*}
6 + 4 &= \boxed{} \\
6 + \boxed{} &= 10 \\
10 - 6 &= \boxed{}
\end{align*}
\]

Make a ten to find the total.

2. \[5 + 7 = \boxed{}\]
3. \[2 + 9 = \boxed{}\]
4. \[7 + 9 = \boxed{}\]
5. \[9 + 9 = \boxed{}\]

6. \[8 + 5 = \boxed{}\]
7. \[3 + 8 = \boxed{}\]
8. \[5 + 6 = \boxed{}\]
9. \[7 + 6 = \boxed{}\]
10. \[6 + 6 = \boxed{}\]

6. **Stretch Your Thinking** Add 2 tens to 100. What is the number? Explain your thinking.

---

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Unit 2 Lesson 1  Ones, Tens, and Hundreds
Add.

1. 50 + 40 = ____  80 + 10 = ____  60 + 20 = ____
   5 + 4 = ____  8 + 1 = ____  6 + 2 = ____

2. 10 + 70 = ____  30 + 70 = ____  40 + 30 = ____
   1 + 7 = ____  3 + 7 = ____  4 + 3 = ____

3. 30 + 60 = ____  20 + 80 = ____  50 + 40 = ____
   3 + 6 = ____  2 + 8 = ____  5 + 4 = ____

4. 50 + 30 = ____  70 + 20 = ____  40 + 60 = ____
   5 + 3 = ____  7 + 2 = ____  4 + 6 = ____

5. 90 + 10 = ____  50 + 20 = ____  20 + 30 = ____
   9 + 1 = ____  5 + 2 = ____  2 + 3 = ____

6. 30 + 10 = ____  50 + 30 = ____  40 + 20 = ____
   3 + 1 = ____  5 + 3 = ____  4 + 2 = ____
Make a ten to find the total.

1. \( \begin{array}{c}
8 + 4 = \square \\
5 + 9 = \square \\
6 + 8 = \square
\end{array} \)

2. \( \begin{array}{c}
5 + 9 = \square \\
6 + 7 = \square \\
3 + 8 = \square
\end{array} \)

3. \( \begin{array}{c}
2 + 9 = \square \\
7 + 5 = \square \\
6 + 9 = \square
\end{array} \)

4. \( \begin{array}{c}
9 + 9 = \square \\
4 + 8 = \square \\
8 + 8 = \square
\end{array} \)

Find the unknown addend.

5. \( \begin{array}{c}
3 + \square = 12 \\
8 + \square = 13 \\
15 - 7 = \square
\end{array} \)

6. \( \begin{array}{c}
6 + \square = 12 \\
4 + \square = 13 \\
18 - 9 = \square
\end{array} \)

7. \( \begin{array}{c}
7 + \square = 14 \\
9 + \square = 17 \\
16 - 9 = \square
\end{array} \)

8. **Stretch Your Thinking** Draw Quick Hundreds, Quick Tens, and circles to show a number between 100 and 200. What number did you show?
Draw the number using boxes, 10-sticks, and circles. Then write the expanded form.

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<tbody>
<tr>
<td>1</td>
<td>176</td>
<td>100 + 70 + 6</td>
</tr>
<tr>
<td>2</td>
<td>143</td>
<td>+ + +</td>
</tr>
<tr>
<td>3</td>
<td>184</td>
<td>+ + +</td>
</tr>
</tbody>
</table>

What number is shown?

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<tbody>
<tr>
<td>4</td>
<td>H 2 T 7 O</td>
<td>127 = 100 + 20 + 7</td>
</tr>
<tr>
<td>5</td>
<td>H T O</td>
<td>= + + +</td>
</tr>
<tr>
<td>6</td>
<td>H T O</td>
<td>= + + +</td>
</tr>
<tr>
<td>7</td>
<td>H T O</td>
<td>= + + +</td>
</tr>
</tbody>
</table>
Write the unknown addend.

1. \(5 + \square = 15\)  \(17 - 9 = \square\)  \(7 + \square = 11\)

2. \(6 + \square = 14\)  \(16 - 7 = \square\)  \(3 + \square = 11\)

3. \(7 + \square = 15\)  \(12 - 7 = \square\)  \(6 + \square = 15\)

Complete the addition doubles equation.

4. \(\square + \square = 16\)  \(5. \square + \square = 10\)

6. \(\square + \square = 8\)  \(7. \square + \square = 14\)

8. \(\square + \square = 12\)  \(9. \square + \square = 18\)

10. **Stretch Your Thinking** Show 194 two different ways.
Solve. Make a proof drawing.

1. Mina picks 63 flowers from her garden. She can put 10 flowers in each vase. How many vases can she fill? How many extra flowers will she have?

   □ vases □ extra flowers

2. Luisa has 85 coupons. She can trade in 10 of them for a toy. How many toys can Luisa get for her coupons? How many coupons will she have left over?

   □ toys □ coupons left over

3. Dr. Turk wants to buy books that cost 10 dollars each. He has 145 dollars. How many books can he buy? How many dollars will he have left over?

   □ books □ dollars left over

4. The track team has 72 water bottles. They pack them 10 to a box. How many boxes do they fill? How many water bottles are left over?

   □ boxes □ water bottles left over
Make a drawing. Write an equation. Solve the problem.

1. Amir had 9 books. He went to the library and got 4 more. How many does he have now?

   \[
   \text{amir} = 9 + 4 = 13
   \]

2. Bella had 15 balloons. Some of the balloons flew away. Now she has 8 balloons left. How many balloons flew away?

   \[
   \text{balloons flew away} = 15 - 8 = 7
   \]

3. What number is 10 more than 9? Explain or show how you know.

   \[
   \text{number} = 9 + 10 = 19
   \]

4. Write the numbers from 34 to 44.

   \[
   34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44
   \]

5. **Stretch Your Thinking** Make a math drawing to solve the word problem. There are 47 children in Ali’s gym class. They need to stand in groups of 10. How many groups of children will there be? How many children will not be in a group of 10?

   \[
   \text{groups} = 47 \div 10 = 4 \text{ remainder } 7
   \]
   \[
   \text{children not in a group of 10} = 7
   \]
Make a drawing for each number. Write <, >, or =.

<table>
<thead>
<tr>
<th></th>
<th>131</th>
<th>141</th>
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<tbody>
<tr>
<td>2</td>
<td>29</td>
<td>28</td>
</tr>
<tr>
<td>3</td>
<td>56</td>
<td>56</td>
</tr>
<tr>
<td>4</td>
<td>132</td>
<td>38</td>
</tr>
</tbody>
</table>

Write <, >, or =.

<table>
<thead>
<tr>
<th></th>
<th>157</th>
<th>175</th>
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</thead>
<tbody>
<tr>
<td>6</td>
<td>103</td>
<td>107</td>
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<tr>
<td>7</td>
<td>80</td>
<td>18</td>
</tr>
<tr>
<td>8</td>
<td>100</td>
<td>100</td>
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<tr>
<td>9</td>
<td>148</td>
<td>149</td>
</tr>
<tr>
<td>10</td>
<td>116</td>
<td>99</td>
</tr>
<tr>
<td>11</td>
<td>122</td>
<td>150</td>
</tr>
<tr>
<td>12</td>
<td>73</td>
<td>111</td>
</tr>
<tr>
<td>13</td>
<td>64</td>
<td>64</td>
</tr>
<tr>
<td>14</td>
<td>188</td>
<td>186</td>
</tr>
</tbody>
</table>
Add.

1. \(40 + 30 = \) ___  \(60 + 20 = \) ___  \(90 + 10 = \) ___  
   \(4 + 3 = \) ___  \(6 + 2 = \) ___  \(9 + 1 = \) ___ 

2. \(50 + 50 = \) ___  \(70 + 20 = \) ___  \(80 + 20 = \) ___  
   \(5 + 5 = \) ___  \(7 + 2 = \) ___  \(8 + 2 = \) ___ 

3. \(20 + 50 = \) ___  \(30 + 20 = \) ___  \(40 + 50 = \) ___  
   \(2 + 5 = \) ___  \(3 + 2 = \) ___  \(4 + 5 = \) ___ 

Draw the number using boxes, 10-sticks, and circles. Then write the expanded form.

4. 153  
   \(\) + \(\) + \(\) 

5. 118  
   \(\) + \(\) + \(\) 

6. **Stretch Your Thinking** Which number is greater, 134 or 143? Explain. Draw a picture if you like.
   ____________________________________________
   ____________________________________________
Solve each word problem. 

1. Mrs. Green stacks 25 boxes. Mr. Green stacks 37 boxes. How many boxes do they stack in all?

\[ 25 + 37 = \] 

label

2. Mr. Green counts 56 paper bags. Mrs. Green counts 65 paper bags. How many paper bags do they count altogether?

\[ 56 + 65 = \] 

label

3. Mrs. Green stacks 60 purple onions. She also stacks 40 yellow onions. How many onions does Mrs. Green stack in all?

\[ 60 + 40 = \] 

label

4. Mr. Green sells 39 sweet potatoes. Mrs. Green sells 18 sweet potatoes. How many sweet potatoes do they sell altogether?

\[ 39 + 18 = \] 

label
1. Start with 10. Count by tens to 100.

2. Write the numbers from 56 to 66.

3. Write the numbers from 81 to 91.

Draw the number using boxes, 10-sticks, and circles. Then write the expanded form.

4. 127
   100 + 20 + 7

5. 109
   ___ + ___ + ___

6. 133
   ___ + ___ + ___

7. Stretch Your Thinking  Add.

   4 + 4 = ___  
   3 + 6 = ___

   40 + 40 = ___  
   30 + 60 = ___

   140 + 40 = ___  
   130 + 60 = ___
Solve. Make a proof drawing.

1. Kivy makes 34 baskets. Her father makes 58 baskets. How many baskets do they make in all?

   [Diagram: proof drawing]

2. Glen printed 67 posters yesterday and 86 more today. How many posters did he print altogether?

   [Diagram: proof drawing]

Add.

3. 

   \[39 + 44 = 83\]  
   \[67 + 56 = 123\]  
   \[47 + 98 = 145\]

4. 

   \[48 + 33 = 81\]  
   \[85 + 68 = 153\]  
   \[94 + 57 = 151\]
Make a drawing. Write an equation. Solve the problem.

1. Elena set the table for 9 people. Three more people came for dinner. How many people were there in all?
   
   \[ \underline{12} \]

2. Hector had 12 pennies. He lost 4 of them. How many does he have now?
   
   \[ \underline{8} \]

3. Oni ate 3 cookies that she baked. She now has 9 left. How many did she bake?
   
   \[ \underline{12} \]

4. Aisha found 9 shells at the beach. She now has 17 shells. How many did she have before she went to the beach?
   
   \[ \underline{8} \]

5. **Stretch Your Thinking** Tisa collects animal stickers. She had 96 stickers. She found 4 more stickers. Then her cousin gave her 16 more. How many stickers does she have now? Explain how you found your answer.

   \[ \underline{116} \]
Add. Use any method.

1. \[
\begin{align*}
97 + 45 &= 142 \\
54 + 39 &= 93 \\
35 + 47 &= 82
\end{align*}
\]

2. \[
\begin{align*}
56 + 77 &= 133 \\
76 + 88 &= 164 \\
86 + 65 &= 151
\end{align*}
\]

3. \[
\begin{align*}
47 + 73 &= 120 \\
87 + 49 &= 136 \\
57 + 48 &= 105
\end{align*}
\]
Draw the number using boxes, 10-sticks, and circles. Then write the expanded form.

1. \( 185 \)  
   \( \underline{\quad} + \underline{\quad} + \underline{\quad} \)

2. \( 132 \)  
   \( \underline{\quad} + \underline{\quad} + \underline{\quad} \)

Make a drawing for each number. Write <, >, or =.

3. \( 143 \)  
   \( \bigcirc \) \( 151 \)

4. \( 87 \)  
   \( \bigcirc \) \( 87 \)

Add.

5. \( 9 + 9 = \underline{\quad} \) \( 8 + 4 = \underline{\quad} \) \( 8 + 6 = \underline{\quad} \)
   \( 90 + 90 = \underline{\quad} \) \( 80 + 40 = \underline{\quad} \) \( 80 + 60 = \underline{\quad} \)

6. Solve the word problem. Ida had a box of 39 crayons. Juan gave her another 28 crayons. How many crayons does she have now?  
   Label

7. Stretch Your Thinking  Add. Explain your method.
   \( 74 \)  
   \( + 67 \)
Add. Use any method.

1. \[ \begin{align*}
75 & \quad 75 \\
+ 49 & \quad + 49 \\
\hline
110 & \quad 124 \\
\hline
+ 14 & \\
\hline
124 & \text{ or } 110 + 14 = 124
\end{align*} \]

2. \[ \begin{align*}
74 & \quad 48 \\
+ 99 & \quad + 87 \\
\hline
75 & \quad 86 \\
\hline
\end{align*} \]

3. \[ \begin{align*}
63 & \quad 75 \\
+ 77 & \quad + 48 \\
\hline
140 & \quad 123 \\
\hline
\end{align*} \]
Add.

1. \(7 + 9 = \)  
   \(5 + 8 = \)  
   \(4 + 6 = \)
   
   \(70 + 90 = \)  
   \(50 + 80 = \)  
   \(40 + 60 = \)

2. \(100 + 36 = \)  
   \(41 + 100 = \)  
   \(100 + 67 = \)
   
   \(10 + 36 = \)  
   \(41 + 10 = \)  
   \(10 + 67 = \)
   
   \(1 + 36 = \)  
   \(41 + 1 = \)  
   \(1 + 67 = \)

Solve. Make a proof drawing.

3. Mrs. Martin makes 36 sandwiches for a school fair. Her friend makes 24 sandwiches. How many sandwiches do they make in all?

4. Luis has a collection of 58 rocks. He finds 44 more. How many rocks does he have now?

Add. Use any method.

5. \(74 + 96 = \)  
   \(58 + 69 = \)  
   \(45 + 87 = \)

6. **Stretch Your Thinking** Find the unknown addend.
   
   \(57 + \square = 125\)
Be the helper. Is the answer OK? Write Yes or No. If No, fix the mistakes and write the correct answer.

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<tbody>
<tr>
<td>43</td>
<td>+ 28</td>
<td></td>
<td>71</td>
<td>Yes</td>
<td>45</td>
<td>+ 23</td>
</tr>
<tr>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>45</td>
<td>+ 23</td>
<td></td>
<td>68</td>
<td></td>
<td>45</td>
<td>+ 23</td>
</tr>
</tbody>
</table>

1. 27 + 45 = 72
2. 68 + 26 = 94
3. 32 + 29 = 61
4. 16 + 67 = 83
5. 59 + 25 = 84
6. 51 + 44 = 95
7. 85 + 56 = 141
8. 58 + 99 = 157
9. 73 + 82 = 155

UNIT 2 LESSON 10
Solve. Make a proof drawing.  

1. Sara has 58 flower seeds to plant in her garden. Her father has 49 seeds. How many seeds do they have altogether?

   \[58 + 49 = \boxed{107}\]

2. Oliver has a collection of 79 coins. A friend gives him 25 more coins. How many coins does he have in all?

   \[79 + 25 = \boxed{104}\]

Add. Use any method.

3. \[
\begin{array}{c}
88 \\
\underline{+ 56}
\end{array}
\quad \begin{array}{c}
75 \\
\underline{+ 49}
\end{array}
\quad \begin{array}{c}
64 \\
\underline{+ 28}
\end{array}
\]

4. \[
\begin{array}{c}
99 \\
\underline{+ 88}
\end{array}
\quad \begin{array}{c}
77 \\
\underline{+ 44}
\end{array}
\quad \begin{array}{c}
69 \\
\underline{+ 83}
\end{array}
\]

5. **Stretch Your Thinking** Write a 2-digit addition exercise and find the sum.

   Example: \[
   \begin{array}{c}
   47 \\
   \underline{+ 56}
   \end{array}
   = \boxed{103}\]
Here are some more fruits and vegetables from the Farm Stand. Answer the questions below. Then draw the money amount. The first one is done for you.

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</thead>
<tbody>
<tr>
<td>Apples</td>
<td>Eggplant</td>
<td>Pears</td>
<td>Green Onions</td>
<td>Oranges</td>
</tr>
<tr>
<td>79¢</td>
<td>96¢</td>
<td>58¢</td>
<td>67¢</td>
<td>85¢</td>
</tr>
</tbody>
</table>

How much would you spend if you wanted to buy

1. apples and oranges? $1.64
   - 164¢
   - 1 dollar

2. apples and green onions? $_________¢
   - $_________

3. pears and green onions? $_________¢
   - $_________

4. eggplant and oranges? $_________¢
   - $_________
Add. Use any method.

1. \[ 76 + 38 = 114 \]
2. \[ 28 + 96 = 124 \]

Be the helper. Is the answer OK? Write yes or no. If no, fix the mistakes and write the correct answer.

3. \[ 28 + 66 = 94 \]
4. \[ 61 + 38 = 99 \]
5. \[ 57 + 89 = 146 \]
6. \[ 33 + 67 = 100 \]
7. \[ 82 + 79 = 161 \]
8. \[ 54 + 95 = 149 \]

9. **Stretch Your Thinking** Doris buys some apples for 69¢ and some pears for 78¢. She gives the cashier $1.50. Does she give the cashier enough money? Explain.
Under the coins, write the total amount of money so far. Then write the total using $. The first one is done for you.

1. $0.20

2. $__.___

3. $__.___

4. $__.___

5. Troy has 1 dime, 5 nickels, and 4 pennies. Draw s, s, and s.

Write the total amount of money.
Add. Use any method.

1. \[ 68 + 57 = 125 \]
2. \[ 85 + 29 = 114 \]
3. \[ 94 + 76 = 170 \]

Be the helper. Is the answer OK? Write yes or no.
If no, fix the mistakes and write the correct answer.

2. \[ 52 \] \[ + 74 \] \[ \square \] \[ 126 \] OK?
3. \[ 84 \] \[ + 46 \] \[ \square \] \[ 140 \] OK?
4. \[ 63 \] \[ + 69 \] \[ \square \] \[ 132 \] OK?

Answer the questions below. Then draw the money amount.

5. Dino bought a bunch of carrots for 89¢ and some celery for 78¢. How much did he spend?

6. Tina bought a bunch of carrots for 88¢ and some celery for 58¢. How much did she spend?

7. Stretch Your Thinking Draw 10 coins to show an amount between 50¢ and $1.00. Use only \(10\), \(5\), and \(1\). Make sure it is the fewest number of coins for that amount.
Add.

1. \[42 + 54\] 
2. \[19 + 64\] 
3. \[58 + 32\] 
4. \[70 + 23\] 
5. \[29 + 29\] 
6. \[47 + 34\] 
7. \[38 + 62\] 
8. \[51 + 20\] 
9. \[82 + 17\] 

10. Explain how you found the sum for Exercise 7.
2-13
Remembering

Solve. Make a proof drawing.  

Sal goes to a plant nursery and sees 57 apple trees and 79 pear trees. How many trees does he see in all?

Carol has a bag of red and yellow marbles. 48 of them are red and 63 of them are yellow. How many marbles does she have in total?

Add. Use any method.

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</thead>
<tbody>
<tr>
<td>47</td>
<td>91</td>
</tr>
<tr>
<td>+ 77</td>
<td>+ 29</td>
</tr>
</tbody>
</table>

Be the helper. Is the answer OK? Write yes or no. If no, fix the mistakes and write the correct answer.

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<tbody>
<tr>
<td>57</td>
<td>OK?</td>
</tr>
<tr>
<td>+ 49</td>
<td></td>
</tr>
<tr>
<td>106</td>
<td></td>
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</tbody>
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<tbody>
<tr>
<td>72</td>
<td>OK?</td>
</tr>
<tr>
<td>+ 39</td>
<td></td>
</tr>
<tr>
<td>101</td>
<td></td>
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<tbody>
<tr>
<td>63</td>
<td>OK?</td>
</tr>
<tr>
<td>+ 78</td>
<td></td>
</tr>
<tr>
<td>142</td>
<td></td>
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</tbody>
</table>

7 Stretch Your Thinking Write an addition word problem using two 2-digit numbers. Solve the problem. Show your work.
Add.

1. $19 + 26 + 31 = \underline{？}$

2. $25 + 36 + 27 = \underline{？}$

3. $28 + 35 + 23 + 38 = \underline{？}$

4. $17 + 44 + 56 + 30 = \underline{？}$
Add. Use any method.

1  90  
+ 80  

69  
+ 59  

65  
+ 38  

2  35  
+ 89  

53  
+ 66  

77  
+ 91  

Be the helper. Is the answer OK? Write yes or no. If no, fix the mistakes and write the correct answer.

1  58  OK?  
+ 86  

144  

4  71  OK?  
+ 68  

149  

5  87  OK?  
+ 99  

185  

6 Add. Explain how you found the sum.

64  
+ 36  

Stretch Your Thinking Write an addition exercise using three 2-digit numbers. Find the sum.
Solve each word problem.

1. Violet returns 4 bottles to the Recycling Center. She gets one nickel for each bottle. How much money does she get?

2. Jesse gets 40¢ for cans he brings to the Recycling Center. He gets 5¢ for each can. How many cans does he bring?


4. Write a word problem of your own that is about recycling and has the answer 85 bottles.
Under the coins, write the total amount of money so far. Then write the total using $.

1

[Image of coins]

___ ___ ___ ___ ___ ___ $ ___. ___ ___

2

[Image of coins]

___ ___ ___ ___ ___ ___ $ ___. ___ ___

Add.

3 45
+ 19 

4 76
+ 20 

5 67
+ 23 

Add.

6 22 + 17 + 35 = [Blank]

7 15 + 39 + 31 + 49 = [Blank]

8 Stretch Your Thinking Darif wants to buy 3 tickets for a ride at the fair. Each ticket costs 39¢. Darif has $1.28.

How many tickets can he buy? ____________________

How much money will he spend? ____________________