### Lesson 3.1 Addition Without Regrouping

Add. Use a place-value chart to help you.

<table>
<thead>
<tr>
<th></th>
<th>Thousands</th>
<th>Hundreds</th>
<th>Tens</th>
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<tbody>
<tr>
<td>1</td>
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Add.

5. \[ \begin{array}{c} 1, 4 3 2 \\ + 2, 3 1 4 \end{array} \]

6. \[ \begin{array}{c} 3, 4 2 6 \\ + 1, 2 5 2 \end{array} \]

7. \[ \begin{array}{c} 2, 5 3 4 \\ + 3, 0 2 4 \end{array} \]

8. \[ \begin{array}{c} 4, 6 2 7 \\ + 1, 2 4 2 \end{array} \]

9. \[ \begin{array}{c} 5, 8 3 7 \\ + 2, 1 5 2 \end{array} \]

10. \[ \begin{array}{c} 3, 4 2 6 \\ + 1, 2 5 2 \end{array} \]

Add.

11. \[ 6,083 + 2,003 = \]_______

12. \[ 7,500 + 437 = \]_______

13. \[ 2,404 + 3,000 = \]_______

14. \[ 5,025 + 3,114 = \]_______

15. \[ 7,612 + 2,212 = \]_______

16. \[ 4,236 + 2,600 = \]_______
Lesson 3.2  Addition with Regrouping in Hundreds

Find the missing numbers.

1. 4 hundreds + 8 hundreds
   = ________ hundreds
   = ________ thousand _________ hundreds

2. 6 hundreds + 8 hundreds
   = ________ hundreds
   = ________ thousand _________ hundreds

3. 7 hundreds + 9 hundreds
   = ________ hundreds
   = ________ thousand _________ hundreds

4. 9 hundreds + 9 hundreds
   = ________ hundreds
   = ________ thousand _________ hundreds

5. 8 hundreds + 5 hundreds
   = ________ hundreds
   = ________ thousand _________ hundreds
Add.

6. \[ \begin{array}{c}
2,659 \\
+ 800 \\
\hline
\end{array} \]

7. \[ \begin{array}{c}
3,406 \\
+ 713 \\
\hline
\end{array} \]

8. \[ \begin{array}{c}
4,542 \\
+ 2,923 \\
\hline
\end{array} \]

9. \[ \begin{array}{c}
5,615 \\
+ 3,604 \\
\hline
\end{array} \]

10. \[ \begin{array}{c}
6,729 \\
+ 1,830 \\
\hline
\end{array} \]

11. \[ \begin{array}{c}
5,807 \\
+ 3,982 \\
\hline
\end{array} \]

Add.

12. The sum of 3,684 and 2,700 is \[ \phantom{\quad} \].

13. The sum of 3,503 and 5,956 is \[ \phantom{\quad} \].

14. \[ 5,833 + 3,465 = \phantom{\quad} \]

15. \[ 7,944 + 1,845 = \phantom{\quad} \]
Lesson 3.3  Addition with Regrouping in Ones, Tens, and Hundreds

Add.

1. \[738 + 695\]
2. \[867 + 367\]
3. \[679 + 846\]
4. \[567 + 948\]
5. \[2,946 + 3,688\]
6. \[3,752 + 3,568\]
7. \[4,276 + 4,789\]
8. \[1,819 + 6,399\]
Name: ___________________________  Date: ________________________

9.  
   6, 4 8 5  
   + 2, 6 8 8  
   _________  

10.  
    5, 2 4 6  
    + 3, 9 7 8  
    _________  

11.  
    3, 7 2 9  
    + 2, 6 8 4  
    _________  

12.  
    4, 2 5 3  
    + 1, 9 5 9  
    _________  

13.  
    4, 5 7 6  
    + 3, 8 7 9  
    _________  

14.  
    6, 8 5 6  
    + 1, 4 5 6  
    _________  

15.  
    7, 3 9 4  
    + 1, 8 3 8  
    _________  

16.  
    3, 9 9 5  
    + 2, 6 4 7  
    _________  

17.  
    2, 5 4 9  
    + 5, 6 6 2  
    _________  

18.  
    1, 1 8 3  
    + 3, 9 2 7  
    _________  

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Solve. Show your work.

19. Durai bought a computer for $1,346. He bought a printer for $452. How much did Durai pay in all?

20. At Hillside Elementary School, there are 1,253 boys and 1,624 girls. How many students are there at the school?
21. Mr. Li has 1,034 goats.
He has 242 more sheep than goats.
How many sheep does Mr. Li have?

22. Mr. George spent $1,008 on a couch.
He spent $1,860 more on a plasma TV than he did on the couch.
How much did Mr. George spend on the plasma TV?
23. The Boy Scouts collected 2,486 gifts for a children’s home. The Girl Scouts collected 3,787 gifts for a senior center. How many gifts did they collect in all?

24. In a library, there are 4,767 English books and 4,594 French books. How many books does the library have in all?
25. At a farm, there are 256 chickens and 4,857 ducks. How many chickens and ducks are there at the farm altogether?

26. A baker baked 1,464 rolls on Saturday. He baked 1,867 more rolls on Sunday than on Saturday. How many rolls did he bake on Sunday?
Put on Your Thinking Cap!

Find the mystery numbers.

1. The sum of two numbers is 200.
   One number is 40 less than the other number.

   120    40
   140
   160  80

   The numbers are _______ and _______.

2. The sum of two numbers is 190.
   The sum of their digits is 10.

   120    60    160
   90  40
   30  50  80

   The numbers are _______ and _______.

Extra Practice 3A  41
3. Place the following digits in the boxes so that the sum of the digits in each straight line is the same.

There is more than one possible answer.
4. **Use the following digits to form 4-digit numbers.**

![Hexagons with digits 0-7]

Use each digit only once. Do not begin a number with the digit 0.

Form the smallest sum of two 4-digit numbers.

**a.**

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Form the greatest sum of two 4-digit numbers. The sum must be less than 10,000.

**b.**

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5. **John thinks of a 3-digit number.**

What is his number?

Use the clues below to find John's number.

- Every digit is different.
- The sum of all the digits is 19.
- The difference between the hundreds digit and the ones digit is 6.
- The tens digit is the greatest digit.
- The number is greater than 500.

John's number is __________.