

## Rounding to Hundreds

### Multiple-Digit Addition with Regrouping

As always, add the units first. A student may become so proficient at adding multiple digit numbers that he can add from the left, but that method is not appropriate at this stage. For now, always add from right to left, or from smaller to larger. Remember that you add units to units, tens to tens, and hundreds to hundreds. Whenever you add two numbers, always add the same values. “To combine, you must be the same kind.” The examples show the same problems worked out with place value notation and regular notation. If you have lined paper I suggest you turn it sideways to help keep the values in the proper places.

#### *Rounding and Estimating to Hundreds*

When adding large numbers, encourage the student to estimate the answer first. We have learned how to round and estimate to the tens place. Now we will increase our understanding by rounding and estimating to the hundreds place.

When you round a number to the nearest multiple of 100, there will be a number in the hundreds place but only zeros in the tens and units places that are to the right of the hundreds place. When rounding, only look at the number to the immediate right of the place value being considered—in this case the tens place. This number determines whether to stay the same or be increased by one. I tell the students we call it rounding because the tens and units are going to be a “round” zero. When we round a number such as 653, we can see one reason why we recommend rounding 5s up instead of down. Although 650 is halfway between 600 and 700, all the other 650s (651, 652, and so on) are closer to 700. Rounding 5s upward makes sense because if there is another non-zero digit, the number will be closer to the higher number we could round to.

When comparing an estimated answer to the final answer, you sometimes see a fairly large difference. For example, 451 will round to 500, and 352 will round to 400. Adding  $500 + 400$  gives 900, but  $451 + 352$  is only 803. Remember that an estimate is not intended to be exact. The time to be concerned would be if the final answer were 8,000 or 80.

### Example 1

Round 383 to the nearest hundreds place.

The first step is to find the two multiples of a hundred that are nearest to 383. The lower one is 300 and the higher one is 400 because 383 is between 300 and 400. If the student has trouble finding these numbers, begin by placing your finger over the 83, so that all you have is a 3 in the hundreds place, which is 300. Then add one more to the hundreds to find the 400. I often write the numbers 300 and 400 above the number 383 on both sides as in figure 1.

### Figure 1

300    400  
    383

Look at the number in the tens place. Does it fall in 0 through 4 or in 5 through 9? Since it is an 8, it is in the latter group, which means we round up to the next number, which is 400. Rounded to the nearest hundred, 383 is 400.

### Example 2

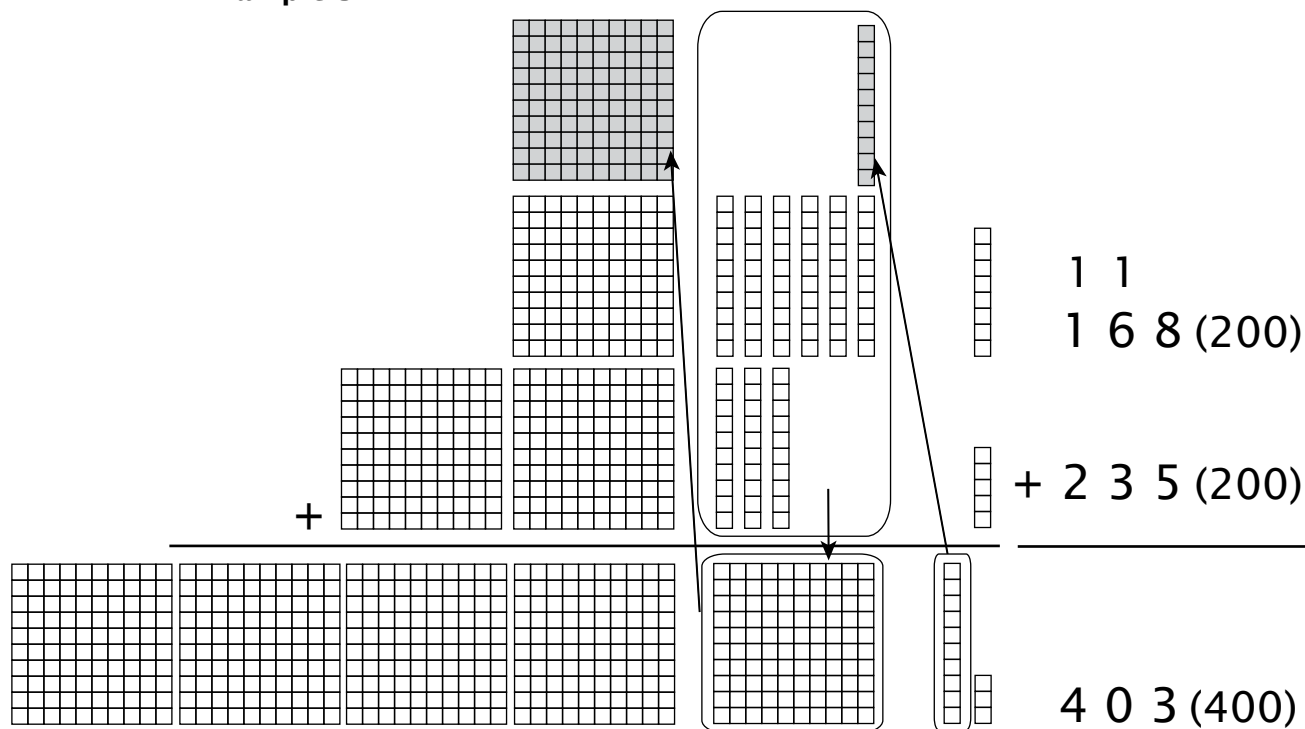
Round 547 to the nearest hundreds place.

500    600    1. Find the multiples of one hundred nearest  
    547            to 547.

(500)    600    2. We know that 4 goes to the lower number,  
    547            500.

In examples 3 and 4, the estimates are to the right in parentheses.

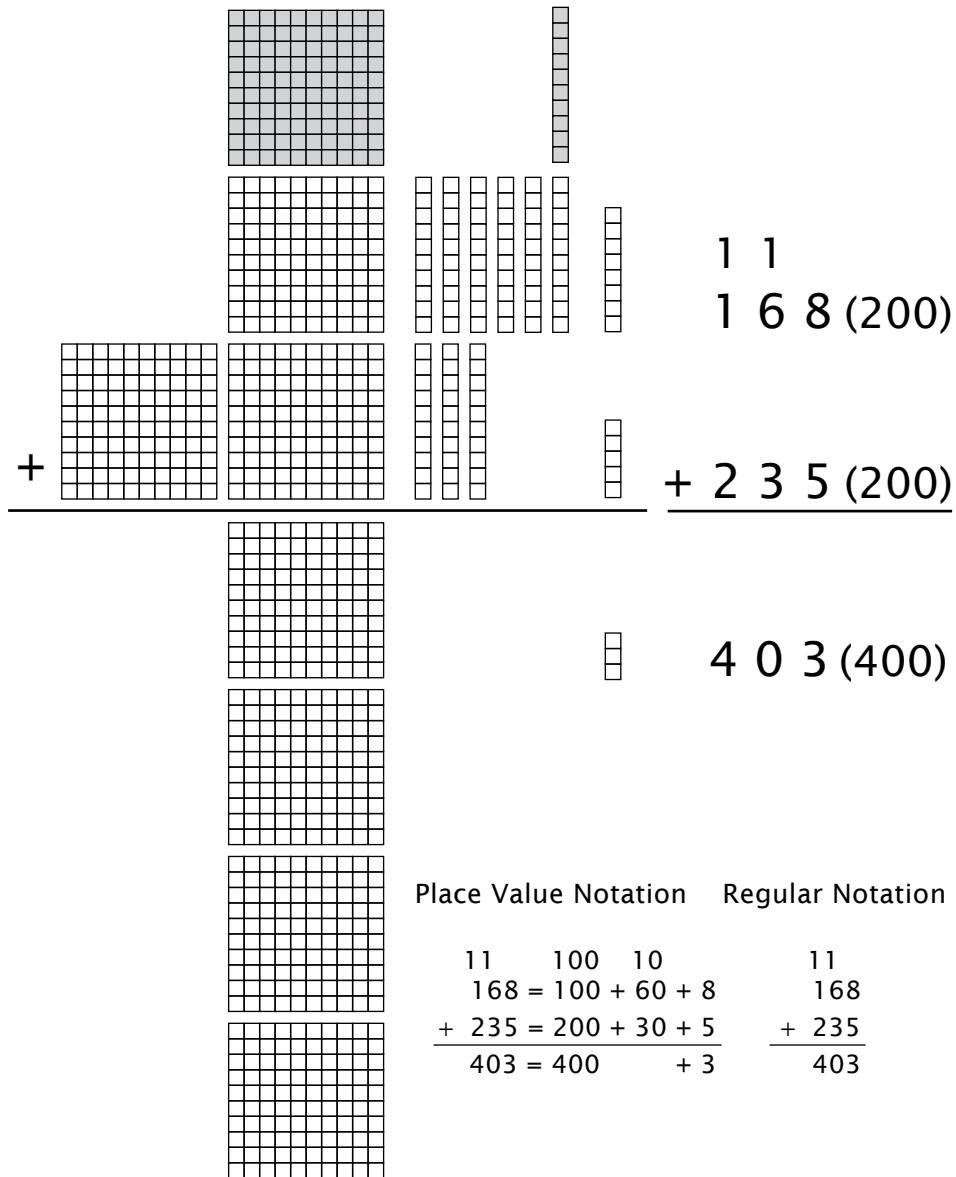
### Example 3



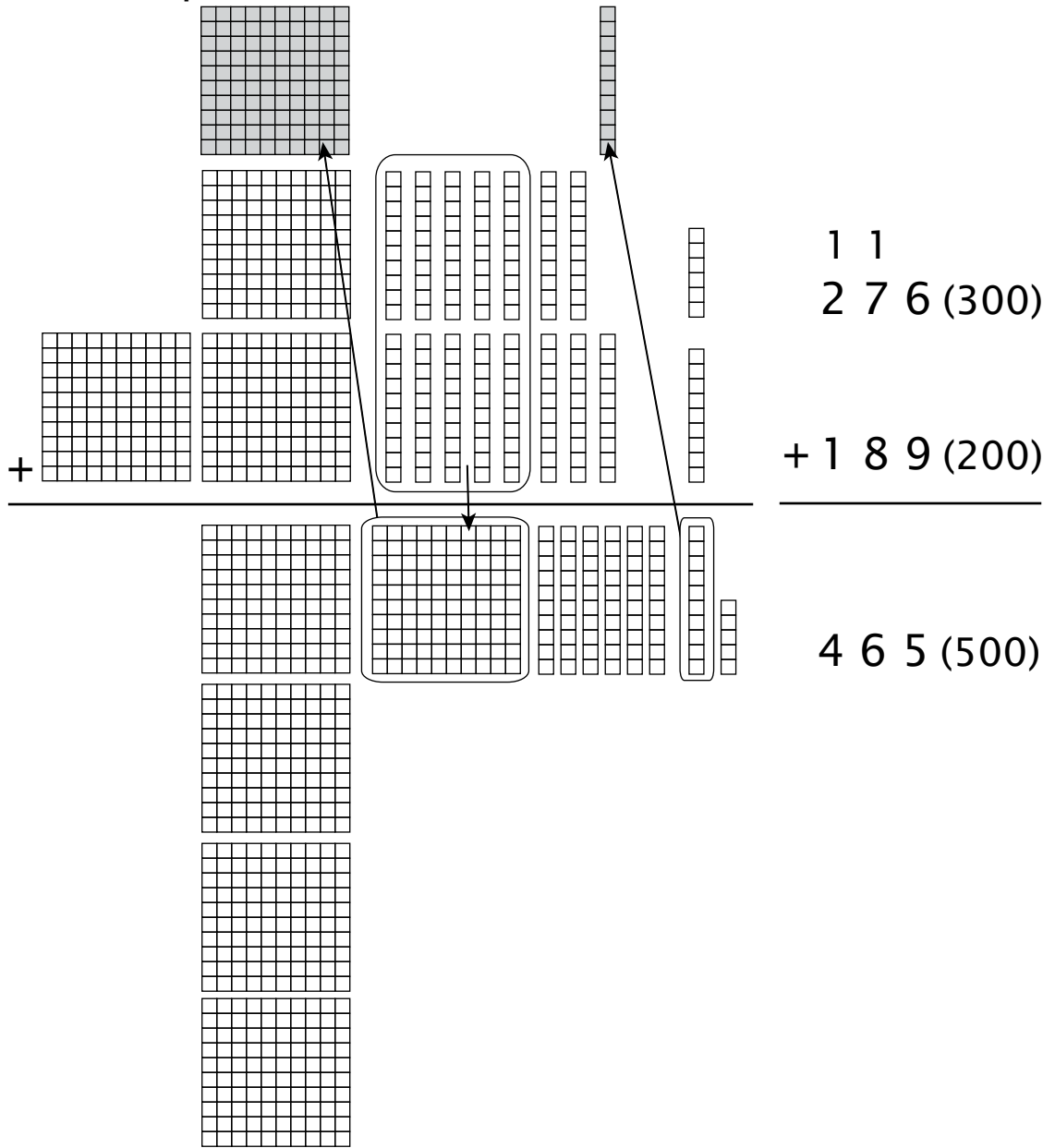
Five units plus 8 units equals 13, which is 1 ten and 3 units. We move the ten (or carry it) to the tens place as indicated by the arrow. Then 6 tens plus 3 tens plus the 1 ten from the result of adding in the units place equals 1 hundred. The 1 hundred is moved to the hundreds place as shown. Example 3 is continued on the next page.

**Example 3 (continued)**

Adding all the hundreds gives us the answer of 4 hundreds, 0 tens, and 3 units or 403. The picture below shows the result after regrouping.



Example 4



### Example 4 (continued)

$276 + 189 = 465$

Place Value Notation	Regular Notation
$276 = 200 + 70 + 6$	$276$
$+ 189 = 100 + 80 + 9$	$+ 189$
<hr/> $465 = 400 + 60 + 5$	<hr/> $465$

## LESSON PRACTICE

Add the money. The first one is done for you.

$$\begin{array}{r} 1 \ 1 \\ 1. \quad \$3.2 \ 1 \\ + \quad 4.9 \ 9 \\ \hline \quad \$8.2 \ 0 \end{array}$$

$$\begin{array}{r} 2. \quad \$7.0 \ 9 \\ + \quad 1.9 \ 2 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad \$3.3 \ 3 \\ + \quad 1.4 \ 4 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad \$6.5 \ 0 \\ + \quad 2.7 \ 7 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad \$4.0 \ 0 \\ + \quad 2.5 \ 1 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad \$5.1 \ 9 \\ + \quad 1.3 \ 8 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad \$1.0 \ 0 \\ + \quad .7 \ 5 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad \$2.0 \ 3 \\ + \quad 1.9 \ 0 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad \$8.75 \\ \quad + .80 \\ \hline \end{array}$$

10. Rose went shopping. If she spent \$5.25 in one store and \$3.38 in another store, how much did she spend in all?

\_\_\_\_\_

11. Chance had \$2.63 in his pocket. He got \$5.50 in a birthday card. How much money does he have now?

\_\_\_\_\_

12. Joseph bought toys for his pug dog, Max. If he spent \$2.99 for a rubber bone and \$3.61 for a ball, how much did he spend in all?

\_\_\_\_\_



## LESSON PRACTICE

Add the money.

$$\begin{array}{r} 1. \quad \$7.65 \\ + \quad .60 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad \$6.31 \\ + \quad 1.29 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad \$5.83 \\ + \quad .24 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad \$3.19 \\ + \quad .90 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad \$2.00 \\ + \quad .98 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad \$1.03 \\ + \quad 1.25 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad \$3.72 \\ + \quad 4.08 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad \$1.99 \\ + \quad 1.82 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad \$2.87 \\ + \quad 6.89 \\ \hline \end{array}$$

10. Elizabeth found \$3.45 in her drawer and \$1.99 behind her dresser. How much money did she find in all?

\_\_\_\_\_

11. Meredith wants to buy a book that costs \$5.55 and a box of crayons that costs \$2.15. How much money does she need?

\_\_\_\_\_

12. Daniel's brother gave him \$6.34. His sister gave him \$2.95. How much money was Daniel given altogether?

\_\_\_\_\_

## LESSON PRACTICE

Add the money.

$$\begin{array}{r} 1. \quad \$2.13 \\ + 1.92 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad \$4.71 \\ + 1.36 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad \$6.41 \\ + .39 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad \$5.00 \\ + 2.50 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad \$6.63 \\ + 2.44 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad \$7.35 \\ + 1.05 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad \$1.63 \\ + .72 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad \$4.99 \\ + 3.79 \\ \hline \end{array}$$

$$\begin{array}{r}
 9. \quad \$6.33 \\
 + \quad 2.91 \\
 \hline
 \end{array}$$

10. Caleb lost \$5.10 yesterday and \$3.91 today. How much did he lose altogether?

\_\_\_\_\_

11. Caleb found \$2.50 of his lost money (see #10). Timothy felt sorry for him and gave him \$4.50. How much money does Caleb have now?

\_\_\_\_\_

12. Thomas has \$3.72 in his left pocket and \$3.68 in his right pocket. How much money does he have? Does he have enough to buy a toy that costs \$6.00?

\_\_\_\_\_

## SYSTEMATIC REVIEW

Add. Regroup if needed.

$$\begin{array}{r} 1. \quad \$1.66 \\ + 4.08 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad \$3.09 \\ + 2.56 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad \$3.57 \\ + 2.62 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 422 \\ + 389 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 19 \\ + 16 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 17 \\ + 25 \\ \hline \end{array}$$

These subtraction facts review subtracting 9.

$$\begin{array}{r} 7. \quad 12 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 18 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 9 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 14 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 17 \\ - 9 \\ \hline \end{array}$$

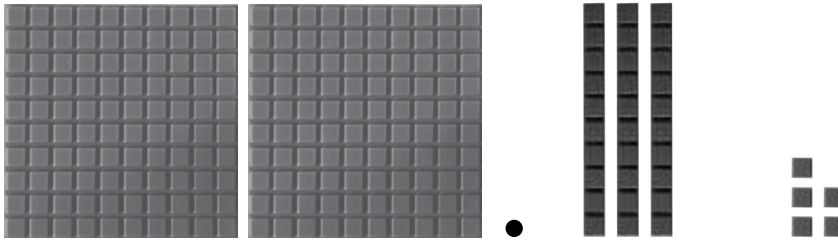
$$\begin{array}{r} 12. \quad 13 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 16 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 15 \\ - 9 \\ \hline \end{array}$$

Fill in the blanks and say the amount.

15.



\$ \_\_\_\_\_ . \_\_\_\_\_

16. Nicholas wrapped 9 Christmas gifts. Two gifts are left to wrap. How many gifts did he have to start with? Solve for G.  
 $G - 9 = 2$  gifts

\_\_\_\_\_

17. Forty-six grown-ups and sixty-three children are coming to the wedding. Estimate how many chairs are needed, and then add to find the exact number.

\_\_\_\_\_

18. Jacob spent \$2.78 for a sandwich and \$1.19 for a drink. How much did he spend in all?

\_\_\_\_\_

## SYSTEMATIC REVIEW

Add. Regroup if needed.

$$\begin{array}{r} 1. \quad \$1.68 \\ + 4.77 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad \$4.56 \\ + 4.44 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad \$2.63 \\ + .51 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 684 \\ + 122 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 62 \\ + 29 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 83 \\ + 7 \\ \hline \end{array}$$

These subtraction facts review subtracting 8.

$$\begin{array}{r} 7. \quad 11 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 9 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 17 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 12 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 14 \\ - 8 \\ \hline \end{array}$$

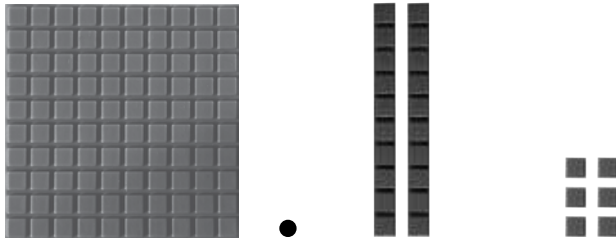
$$\begin{array}{r} 12. \quad 13 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 15 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 16 \\ - 8 \\ \hline \end{array}$$

Fill in the blanks and say the amount.

15.



\$ \_\_\_\_\_ . \_\_\_\_\_ \_\_\_\_\_

16. Emily lost 8 dimes. If she has 5 dimes left, how many did she have to start with? Solve for the unknown. Set this up like #16 on 12D.

\_\_\_\_\_

17. Ava wrapped 267 candies with nuts and 197 plain candies to sell in her dad's shop. How many candies did she wrap in all? Round to hundreds and estimate, and then solve.

\_\_\_\_\_

18. Michael has 3 dimes and 5 nickels. Find out how much money he has in all. Use a dollar sign and decimal point when writing your answer.

\_\_\_\_\_



## SYSTEMATIC REVIEW

# 12F

Add. Regroup if needed.

$$\begin{array}{r} 1. \quad \$2.78 \\ + 6.58 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad \$3.52 \\ + 1.77 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad \$8.91 \\ + .05 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 379 \\ + 264 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 54 \\ + 18 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 47 \\ + 9 \\ \hline \end{array}$$

These subtraction facts review subtracting 8 and doubles.

$$\begin{array}{r} 7. \quad 12 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 13 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 10 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 14 \\ - 7 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 12 \\ - 8 \\ \hline \end{array}$$

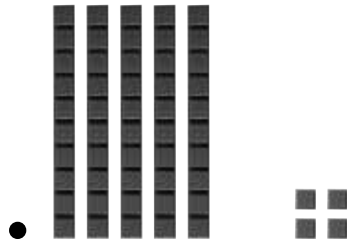
$$\begin{array}{r} 12. \quad 17 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 8 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 6 \\ - 3 \\ \hline \end{array}$$

Fill in the blanks and say the amount.

15.



\$ \_\_\_\_\_ . \_\_\_\_\_ \_\_\_\_\_

16. I watched 8 birds fly away from my bird feeder. If 8 birds are left on the feeder, how many were there to start with? Solve for the unknown.

\_\_\_\_\_

17. Bria has three nickels and five pennies. How much money does she have in all? Use a dollar sign and decimal point when writing your answer.

\_\_\_\_\_

18. Kara talked on the phone 35 minutes yesterday and 17 minutes today. How many minutes did she talk in all?

\_\_\_\_\_

Answer the questions and fill in the crossword puzzle.

**Across**

2. The coin worth one cent is a

\_\_\_\_\_ .

4. A \_\_\_\_\_ is worth one hundred cents.

7. The coin worth ten cents is a

\_\_\_\_\_ .

		1						
	2			3				
		4	5					
	6							
7								

**Down**

1. How many cents are in a dime? \_\_\_\_\_

3. The coin worth five cents is a \_\_\_\_\_ .

5. How many cents in a penny? \_\_\_\_\_

6. How many cents in a nickel? \_\_\_\_\_

Draw pictures to help you review subtraction facts. Cross out the pictures you subtract each time.

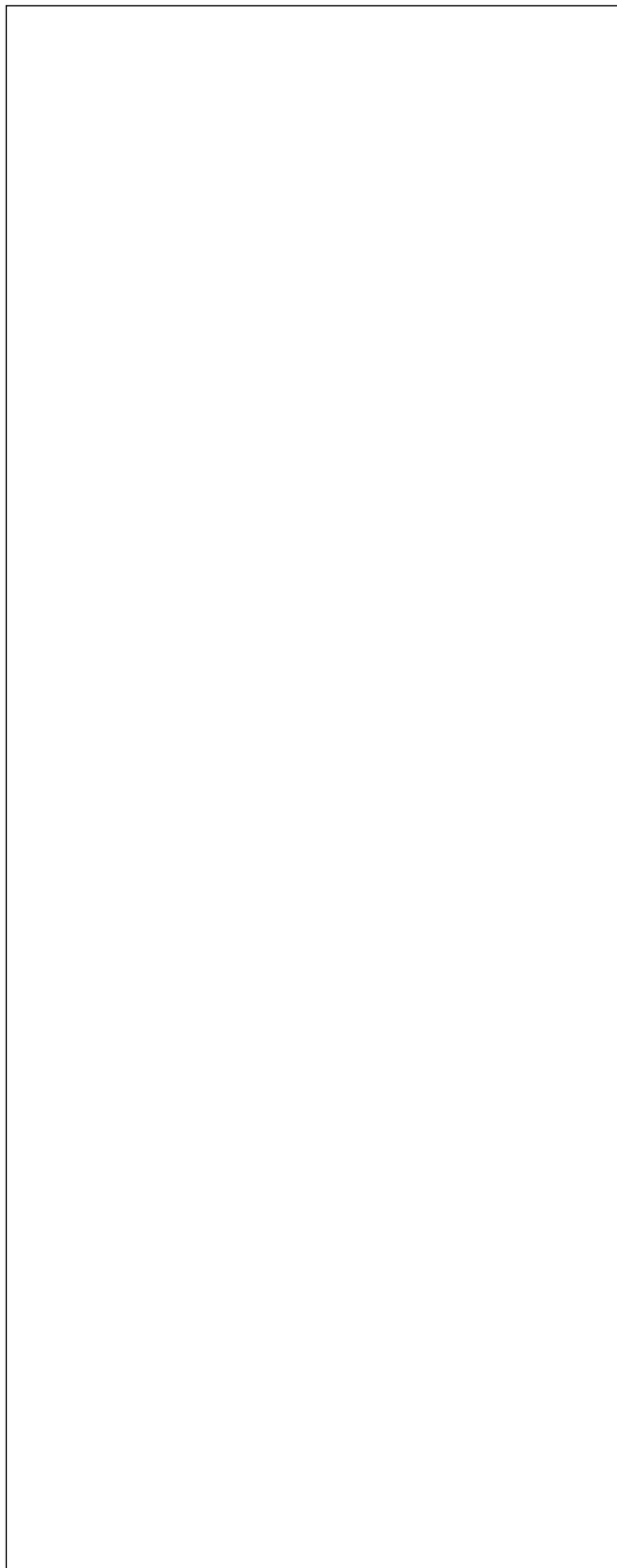
1. Jim blew 18 soap bubbles.  
Draw the bubbles.

2. Jeff popped nine bubbles.  
How many bubbles are  
left? \_\_\_\_\_

3. The cat broke three  
bubbles. How many  
bubbles are left? \_\_\_\_\_

4. Four bubbles landed on  
the table and broke. How  
many bubbles are left?  
\_\_\_\_\_

5. Two bubbles floated out  
the door and disappeared.  
Now how many bubbles  
are left? \_\_\_\_\_



LESSON TEST

5

Write using place value notation.

1.  $628 = \underline{\quad\quad\quad} + \underline{\quad\quad\quad} + \underline{\quad\quad\quad}$

2.  $49 = \underline{\quad\quad\quad} + \underline{\quad\quad\quad}$

Add using place value notation.

3. 
$$\begin{array}{r} 16 \rightarrow 10 + 6 \\ + 32 \rightarrow \underline{30 + 2} \end{array}$$

4. 
$$\begin{array}{r} 380 \rightarrow 300 + 80 + 0 \\ + 516 \rightarrow \underline{500 + 10 + 6} \end{array}$$

5. 
$$\begin{array}{r} 54 \rightarrow 50 + 4 \\ + 22 \rightarrow \underline{20 + 2} \end{array}$$

6. 
$$\begin{array}{r} 433 \rightarrow 400 + 30 + 3 \\ + 425 \rightarrow \underline{400 + 20 + 5} \end{array}$$

Round to the nearest ten and estimate. Then find the exact answer.

$$\begin{array}{r}
 7. \quad 34 \quad ( \quad ) \\
 + 61 \quad ( \quad ) \\
 \hline
 \quad \quad ( \quad )
 \end{array}$$

$$\begin{array}{r}
 8. \quad 12 \quad ( \quad ) \\
 + 16 \quad ( \quad ) \\
 \hline
 \quad \quad ( \quad )
 \end{array}$$

Compare, and then fill in the oval with <, >, or =.

9.  $4 + 6$    $6 + 4$

10.  $49$    $94$

Solve for the unknown.

11.  $7 + X = 14$

12.  $5 + Y = 8$

13.  $8 + A = 16$

14. I saw 45 deer and 12 moose in the park. How many large animals did I see?

\_\_\_\_\_

15. Riley saved 132 pennies and 160 nickels. How many coins has she saved?

\_\_\_\_\_

### Systematic Review 10E

1. \$3.20  
"three dollars and twenty cents"
2. 2 dollars, 3 dimes, and 1 penny  
"two dollars and thirty-one cents"
3. 4 dollars, 5 dimes, and 5 pennies  
"four dollars and fifty-five cents"
4. 1 dollar and 6 pennies  
"one dollar and six cents"
5. 3 dollars, 7 dimes, and 8 pennies  
"three dollars and seventy-eight cents"
6. 10, 20, 30, 40, 50, 60, 70, 80c
7. 
$$\begin{array}{r} 1 \\ 17 \\ +18 \\ \hline 35 \end{array}$$
8. 
$$\begin{array}{r} 555 \\ +132 \\ \hline 687 \end{array}$$
9. 
$$\begin{array}{r} 1 \\ 49 \\ +34 \\ \hline 83 \end{array}$$
10. 80
11. 10
12. 30
13. 5, 10, 15, 20, 25, 30,  
35, 40, 45c = \$0.45
14.  $5+2=7$   
 $7+2=9$  roses
15. 30c
6. 5, 10, 15c
7. 
$$\begin{array}{r} 92 \\ +4 \\ \hline 96 \end{array}$$
8. 
$$\begin{array}{r} 337 \\ +202 \\ \hline 539 \end{array}$$
9. 
$$\begin{array}{r} 1 \\ 61 \\ +29 \\ \hline 90 \end{array}$$
10.  $10 > 7$
11.  $8 = 8$
12.  $27 < 72$
13. \$8.69
14.  $3+4=7$   
 $7+8=15$  miles
15.  $29+18=47$  miles

### Lesson Practice 11A

### Systematic Review 10F

1. \$1.08  
"one dollar and eight cents"
2. 1 dollar, 1 dime, and 6 pennies  
"one dollar and sixteen cents"
3. 3 dollars and 9 pennies  
"three dollars and nine cents"
4. 2 dollars, 6 dimes, and 5 pennies  
"two dollars and sixty-five cents"
5. 4 dollars and 7 dimes  
"four dollars and seventy cents"
5. 
$$\begin{array}{r} 11 \\ (600) \quad 628 \\ + (200) \quad +175 \\ \hline (800) \quad 803 \end{array}$$
6. 
$$\begin{array}{r} 11 \\ (400) \quad 359 \\ + (300) \quad +254 \\ \hline (700) \quad 613 \end{array}$$
7. 
$$\begin{array}{r} 1 \\ (500) \quad 537 \\ + (200) \quad +233 \\ \hline (700) \quad 770 \end{array}$$
8. 
$$\begin{array}{r} 11 \\ (200) \quad 168 \\ + (500) \quad +452 \\ \hline (700) \quad 620 \end{array}$$
9. 
$$\begin{array}{r} 11 \\ (100) \quad 123 \\ + (100) \quad +88 \\ \hline (200) \quad 211 \end{array}$$

$$\begin{array}{r} 10. \quad (700) \quad \overset{11}{676} \\ \quad \underline{+(100)} \quad \underline{+145} \\ \quad (800) \quad 821 \end{array}$$

$$\begin{array}{r} 11. \quad (300) \quad \overset{11}{299} \\ \quad \underline{+(300)} \quad \underline{+311} \\ \quad (600) \quad 610 \end{array}$$

12.  $124 + 176 = 300$  lights

**Lesson Practice 11B**

1. 500
2. 500
3. 600

$$\begin{array}{r} 4. \quad (400) \quad \overset{1}{359} \\ \quad \underline{+(100)} \quad \underline{+126} \\ \quad (500) \quad 485 \end{array}$$

$$\begin{array}{r} 5. \quad (100) \quad \overset{1}{138} \\ \quad \underline{+(200)} \quad \underline{+212} \\ \quad (300) \quad 350 \end{array}$$

$$\begin{array}{r} 6. \quad (200) \quad \overset{1}{157} \\ \quad \underline{+(100)} \quad \underline{+142} \\ \quad (300) \quad 299 \end{array}$$

$$\begin{array}{r} 7. \quad (200) \quad \overset{1}{227} \\ \quad \underline{+(000)} \quad \underline{+39} \\ \quad (200) \quad 266 \end{array}$$

$$\begin{array}{r} 8. \quad (400) \quad \overset{1}{449} \\ \quad \underline{+(100)} \quad \underline{+137} \\ \quad (500) \quad 586 \end{array}$$

$$\begin{array}{r} 9. \quad (200) \quad \overset{1}{235} \\ \quad \underline{+(100)} \quad \underline{+145} \\ \quad (300) \quad 380 \end{array}$$

$$\begin{array}{r} 10. \quad (100) \quad \overset{1}{109} \\ \quad \underline{+(200)} \quad \underline{+207} \\ \quad (300) \quad 316 \end{array}$$

$$\begin{array}{r} 11. \quad (400) \quad \overset{1}{416} \\ \quad \underline{+(300)} \quad \underline{+329} \\ \quad (700) \quad 745 \end{array}$$

12.  $123 + 169 = 292$  pages

**Lesson Practice 11C**

1. 500
2. 100
3. 300

$$\begin{array}{r} 4. \quad (200) \quad \overset{1}{217} \\ \quad \underline{+(300)} \quad \underline{+324} \\ \quad (500) \quad 541 \end{array}$$

$$\begin{array}{r} 5. \quad (300) \quad \overset{1}{266} \\ \quad \underline{+(000)} \quad \underline{+18} \\ \quad (300) \quad 284 \end{array}$$

$$\begin{array}{r} 6. \quad (100) \quad \overset{1}{134} \\ \quad \underline{+(400)} \quad \underline{+365} \\ \quad (500) \quad 499 \end{array}$$

$$\begin{array}{r} 7. \quad (100) \quad \overset{1}{119} \\ \quad \underline{+(200)} \quad \underline{+207} \\ \quad (300) \quad 326 \end{array}$$

$$\begin{array}{r} 8. \quad (600) \quad \overset{11}{555} \\ \quad \underline{+(300)} \quad \underline{+348} \\ \quad (900) \quad 903 \end{array}$$

$$\begin{array}{r} 9. \quad (800) \quad \overset{1}{806} \\ \quad \underline{+(100)} \quad \underline{+106} \\ \quad (900) \quad 912 \end{array}$$

$$\begin{array}{r} 10. \quad (100) \quad \overset{1}{119} \\ \quad \underline{+(200)} \quad \underline{+217} \\ \quad (300) \quad 336 \end{array}$$

$$\begin{array}{r} 11. \quad (200) \quad \overset{11}{248} \\ \quad \underline{+(300)} \quad \underline{+252} \\ \quad (500) \quad 500 \end{array}$$

12.  $263 + 179 = 442$  miles



### Systematic Review 11D

1. 800
2. 100
3. 
$$\begin{array}{r} 1 \\ 806 \\ +106 \\ \hline 912 \end{array}$$
4. 
$$\begin{array}{r} 11 \\ 248 \\ +252 \\ \hline 500 \end{array}$$
5. 
$$\begin{array}{r} 1 \\ 337 \\ +172 \\ \hline 509 \end{array}$$
6. 
$$\begin{array}{r} 1 \\ 54 \\ +28 \\ \hline 82 \end{array}$$
7. 
$$\begin{array}{r} 1 \\ 53 \\ +37 \\ \hline 90 \end{array}$$
8. 
$$\begin{array}{r} 1 \\ 18 \\ +29 \\ \hline 47 \end{array}$$
9.  $1-1=0$
10.  $10-2=8$
11.  $8-1=7$
12.  $3-0=3$
13.  $4-3=1$
14.  $6-2=4$
15.  $5-4=1$
16.  $8-2=6$
17. 2, 4, 6, 8, 10, 12, 14, 16, 18, 20
18. \$5.26
19.  $55+78=133$  miles
20.  $\$145+\$56=\$201$

### Systematic Review 11E

1. 400
2. 200

$$\begin{array}{r} 11 \\ 235 \\ +365 \\ \hline 600 \end{array}$$

$$\begin{array}{r} 1 \\ 300 \\ +409 \\ \hline 709 \end{array}$$

$$\begin{array}{r} 1 \\ 249 \\ +132 \\ \hline 381 \end{array}$$

$$\begin{array}{r} 1 \\ 28 \\ +38 \\ \hline 66 \end{array}$$

$$\begin{array}{r} 1 \\ 65 \\ +35 \\ \hline 100 \end{array}$$

$$\begin{array}{r} 1 \\ 58 \\ +42 \\ \hline 100 \end{array}$$

9.  $4-2=2$

10.  $7-2=5$

11.  $3-1=2$

12.  $11-2=9$

13.  $6-5=1$

14.  $8-0=8$

15.  $10-9=1$

16.  $9-2=7$

17. 5, 10, 15, 20, 25, 30, 35, 40, 45, 50

18.  $17+9=26$  inches

19.  $138+256=394$  penguins

20.  $5-2=3$  eggs

### Systematic Review 11F

1. 500
2. 700
3. 
$$\begin{array}{r} 1 \\ 429 \\ +266 \\ \hline 695 \end{array}$$

$$\begin{array}{r} 4. \quad \begin{array}{r} 1 \\ 101 \\ + 89 \\ \hline 190 \end{array} \end{array}$$

$$\begin{array}{r} 5. \quad \begin{array}{r} 1 \\ 238 \\ + 243 \\ \hline 481 \end{array} \end{array}$$

$$\begin{array}{r} 6. \quad \begin{array}{r} 1 \\ 92 \\ + 8 \\ \hline 100 \end{array} \end{array}$$

$$\begin{array}{r} 7. \quad \begin{array}{r} 1 \\ 48 \\ + 32 \\ \hline 80 \end{array} \end{array}$$

$$\begin{array}{r} 8. \quad \begin{array}{r} 1 \\ 63 \\ + 27 \\ \hline 90 \end{array} \end{array}$$

9.  $5 - 3 = 2$

10.  $10 - 2 = 8$

11.  $7 - 5 = 2$

12.  $6 - 2 = 4$

13.  $9 - 7 = 2$

14.  $8 - 2 = 6$

15.  $10 - 8 = 2$

16.  $11 - 9 = 2$

17. 10, 20, 30, 40, 50, 60, 70, 80, 90, 100

18.  $(20) + (50) = (70)$  pieces

19.  $(500) + (300) = (800)$

$512 + 345 = 857$  miles

20.  $\$0.08 - \$0.06 = \$0.02$

### Lesson Practice 12A

1. done

$$\begin{array}{r} 2. \quad \begin{array}{r} 11 \\ \$7.09 \\ + 1.92 \\ \hline \$9.01 \end{array} \end{array}$$

$$\begin{array}{r} 3. \quad \begin{array}{r} \$3.33 \\ + 1.44 \\ \hline \$4.77 \end{array} \end{array}$$

$$\begin{array}{r} 4. \quad \begin{array}{r} 1 \\ \$6.50 \\ + 2.77 \\ \hline \$9.27 \end{array} \end{array}$$

$$\begin{array}{r} 5. \quad \begin{array}{r} \$4.00 \\ + 2.51 \\ \hline \$6.51 \end{array} \end{array}$$

$$\begin{array}{r} 6. \quad \begin{array}{r} 1 \\ \$5.19 \\ + 1.38 \\ \hline \$6.57 \end{array} \end{array}$$

$$\begin{array}{r} 7. \quad \begin{array}{r} \$1.00 \\ + .75 \\ \hline \$1.75 \end{array} \end{array}$$

$$\begin{array}{r} 8. \quad \begin{array}{r} \$2.03 \\ + 1.90 \\ \hline \$3.93 \end{array} \end{array}$$

$$\begin{array}{r} 9. \quad \begin{array}{r} 1 \\ \$8.75 \\ + .80 \\ \hline \$9.55 \end{array} \end{array}$$

10.  $\$5.25 + \$3.38 = \$8.63$

11.  $\$2.63 + \$5.50 = \$8.13$

12.  $\$2.99 + \$3.61 = \$6.60$

### Lesson Practice 12B

$$\begin{array}{r} 1. \quad \begin{array}{r} 1 \\ \$7.65 \\ + .60 \\ \hline \$8.25 \end{array} \end{array}$$

$$\begin{array}{r} 2. \quad \begin{array}{r} 1 \\ \$6.31 \\ + 1.29 \\ \hline \$7.60 \end{array} \end{array}$$

$$\begin{array}{r} 3. \quad \begin{array}{r} 1 \\ \$5.83 \\ + .24 \\ \hline \$6.07 \end{array} \end{array}$$

$$\begin{array}{r} 4. \quad \begin{array}{r} 1 \\ \$3.19 \\ + .90 \\ \hline \$4.09 \end{array} \end{array}$$

$$\begin{array}{r} 5. \quad \begin{array}{r} \$2.00 \\ + .98 \\ \hline \$2.98 \end{array} \end{array}$$

4. 
$$\begin{array}{r} 1 \\ 68 \\ + 8 \\ \hline 76 \end{array}$$

5. 
$$\begin{array}{r} 1 \\ 13 \\ + 49 \\ \hline 62 \end{array}$$

6. 
$$\begin{array}{r} 116 \\ + 431 \\ \hline 547 \end{array}$$

7. 
$$\begin{array}{r} 691 \\ + 305 \\ \hline 996 \end{array}$$

8. 
$$\begin{array}{r} 500 \\ + 216 \\ \hline 716 \end{array}$$

9.  $7 + \underline{6} = 13$

10.  $5 + \underline{4} = 9$

11.  $5 + \underline{0} = 5$

12. penny

13. nickel

14. dime

15. 5, 10, 15, 20, 25, 30 rocks

**Lesson Test 10**

1. \$2.34  
"two dollars and thirty-four cents"
2. 1 dollar, 2 dimes, and 8 pennies  
"one dollar and twenty-eight cents"
3. 2 dollars and 6 pennies  
"two dollars and six cents"
4. 3 dollars, 4 dimes, and one penny  
"three dollars and forty-one cents"
5. 4 dollars, 1 dime, and 5 pennies  
"four dollars and fifteen cents"
6. 5, 10, 15, 20, 25¢

7. 
$$\begin{array}{r} 1 \\ 63 \\ + 17 \\ \hline 80 \end{array}$$

8. 
$$\begin{array}{r} 234 \\ + 145 \\ \hline 379 \end{array}$$

9. 
$$\begin{array}{r} 1 \\ 48 \\ + 26 \\ \hline 74 \end{array}$$

10. 50

11. 20

12. 30

13. \$9.54

14.  $3 + 2 = 5$

$5 + 5 = 10$  pounds

15. 2 dimes = 20¢

5 nickels = 25¢

$20¢ + 25¢ = 45¢$  or \$0.45

**Lesson Test 11**

1. 100

2. 300

3. 500

4. 
$$\begin{array}{r} 1 \\ 132 \\ + 418 \\ \hline 550 \end{array}$$

5. 
$$\begin{array}{r} 11 \\ 679 \\ + 276 \\ \hline 955 \end{array}$$

6. 
$$\begin{array}{r} 1 \\ 520 \\ + 188 \\ \hline 708 \end{array}$$

7. 
$$\begin{array}{r} 1 \\ 87 \\ + 28 \\ \hline 115 \end{array}$$

8. 
$$\begin{array}{r} 45 \\ + 42 \\ \hline 87 \end{array}$$

9. 
$$\begin{array}{r} 1 \\ 39 \\ + 15 \\ \hline 54 \end{array}$$

10.  $7 - 2 = 5$

11.  $5 - 1 = 4$

12.  $8 - 0 = 8$

13.  $11 - 9 = 2$

14.  $5 - 3 = 2$
15.  $10 - 2 = 8$
16.  $6 - 1 = 5$
17.  $7 - 5 = 2$
18. 5, 10, 15, 20, 25, 30, 35, 40, 45, 50
19.  $(500) + (100) = (600)$   
 $476 + 125 = 601$  stamps
20.  $10 - 6 = 4$  years

### Lesson Test 12

1. 
$$\begin{array}{r} \phantom{0}1\phantom{0} \\ \$2.46 \\ +1.79 \\ \hline \$4.25 \end{array}$$
2. 
$$\begin{array}{r} \phantom{0}1\phantom{0} \\ \$3.91 \\ +3.25 \\ \hline \$7.16 \end{array}$$
3. 
$$\begin{array}{r} \phantom{0}1 \\ \$1.57 \\ +.38 \\ \hline \$1.95 \end{array}$$
4. 
$$\begin{array}{r} \phantom{0}1 \\ 401 \\ +579 \\ \hline 980 \end{array}$$
5. 
$$\begin{array}{r} 65 \\ +11 \\ \hline 76 \end{array}$$
6. 
$$\begin{array}{r} \phantom{0}1 \\ 22 \\ +8 \\ \hline 30 \end{array}$$
7.  $18 - 9 = 9$
8.  $8 - 4 = 4$
9.  $13 - 8 = 5$
10.  $16 - 9 = 7$
11.  $10 - 5 = 5$
12.  $12 - 8 = 4$
13.  $14 - 7 = 7$
14.  $13 - 9 = 4$
15. \$1.43; "one dollar and forty-three cents"
16.  $\$1.89 + \$2.36 = \$4.25$

17. 4 dimes = \$0.40  
5 nickels = \$0.25  
 $\$0.40 + \$0.25 = \$0.65$
18.  $15 - 9 = 6$  people

### Lesson Test 13

1.  $6 + 4 + 7 = 17$
2.  $3 + 2 + 7 + 8 = 20$
3. 
$$\begin{array}{r} \phantom{0}1 \\ 11 \\ 42 \\ 39 \\ +36 \\ \hline 128 \end{array}$$
4. 
$$\begin{array}{r} \phantom{0}1 \\ \$1.26 \\ +8.47 \\ \hline \$9.73 \end{array}$$
5. 
$$\begin{array}{r} \phantom{0}1 \\ 641 \\ +90 \\ \hline 731 \end{array}$$
6. 
$$\begin{array}{r} \phantom{0}1 \\ 58 \\ +2 \\ \hline 60 \end{array}$$
7.  $10 - 7 = 3$
8.  $9 - 3 = 6$
9.  $10 - 6 = 4$
10.  $9 - 4 = 5$
11.  $10 - 5 = 5$
12.  $9 - 7 = 2$
13.  $10 - 2 = 8$
14.  $10 - 3 = 7$
15. 2, 4, 6, 8, 10, 12, 14, 16, 18, 20
16. triangle
17. square
18. rectangle
19.  $3 + 4 + 6 + 1 = 14$  hours
20. 6 nickels = 30¢  
3 dimes = 30¢  
 $30¢ + 30¢ + 15¢ = 75¢$