

• Place Value

- Each digit in a number has a place value. The **place value** of a digit is decided by its position in the number.
- We write a number in expanded form by showing the value of each place.

$$200 + 70 + 6 = 276$$

Practice:

1. Aaron had two \$100 bills, six \$10 bills, and three \$1 bills. How much money did he have? _____
2. Add: $\$300 + \$60 + \$6$ _____

Use money manipulatives to show each number in problems **3–6**. Then write each number in expanded form.

3. 73 _____

4. 125 _____

5. 304 _____

6. 425 _____

7. How much money is eight \$10 bills and six \$1 bills? _____

8. Add: $\$100 + \$40 + \$6$ _____

9. What is $400 + 30 + 7$ in standard form? _____

• **Reading and Writing Numbers Through 999**

- We can use words to name numbers.
- We write a hyphen between two number words that are combined to name a two-digit number. The number 78 is written “seventy-eight.”

Practice:

Use digits to write the numbers in problems 1 and 2.

1. six hundred fifty-four _____

2. seven hundred eight _____

Use digits and a dollar sign to write the amounts in problems 3 and 4.

3. five hundred thirty-seven dollars _____

4. one hundred two dollars _____

Use words to write each amount in problems 5 and 6.

5. \$648 _____

6. 706 _____

7. Write the amount of money shown using numbers and words.



8. There are 512 students at Clyde's school. Use words to write 512.

• Adding Two-Digit Numbers

To add two-digit numbers:

Step 1: Line up the digits by their place value.

Step 2: Add the digits in the ones place.

Step 3: Add the digits in the tens place.

Practice:

Add. You may use your money manipulatives.

1. $\$50 + \11 _____

2. $11 + 38$ _____

3. $40 + 10$ _____

4. $\$50 + \20 _____

5. How much money is six \$10 bills and fourteen \$1 bills? _____

Add using pencil and paper. You may use money manipulatives.

6. $\$49 + \25 _____ 7. $17 + 82$ _____ 8. $24 + 27$ _____

9. Bobby has four \$10 bills and twenty-two \$1 bills in his bank. How much money does Bobby have? _____

Add.

10.
$$\begin{array}{r} 29 \\ + 13 \\ \hline \end{array}$$

11.
$$\begin{array}{r} \$45 \\ + \$50 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 27 \\ + 44 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 36 \\ + 21 \\ \hline \end{array}$$

• Subtracting Two-Digit Numbers

To subtract two-digit numbers:

Step 1: Line up the digits by their place value.

Step 2: Regroup if needed.

Step 3: Subtract the digits in the ones place.

Step 4: Subtract the digits in the tens place.

Practice:

Subtract. You may use money manipulatives.

1. $72 - 30$ _____ 2. $\$86 - \44 _____ 3. $46 - 28$ _____

4. $44 - 29$ _____ 5. $\$52 - \28 _____ 6. $\$67 - \25 _____

7. Manuel's father had \$85. He bought a new tire for \$71. How much money did he have left? _____

Subtract:

8. $\begin{array}{r} \$46 \\ - \$19 \\ \hline \end{array}$

9. $\begin{array}{r} 74 \\ - 25 \\ \hline \end{array}$

10. $\begin{array}{r} \$99 \\ - \$68 \\ \hline \end{array}$

11. $\begin{array}{r} 33 \\ - 17 \\ \hline \end{array}$

• Rounding to the Nearest Ten and Hundred

- To round a number to the nearest ten, find the closest number that ends with zero.
 - To round a number to the nearest hundred, find the closest number that ends in two zeros.
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Practice:

Round each number in problems **1–6** to the nearest ten.

1. 37 _____

2. \$22 _____

3. 98 _____

4. 46 _____

5. \$16 _____

6. 84 _____

Round each number in problems **7–12** to the nearest hundred.

7. 229 _____

8. \$468 _____

9. \$172 _____

10. 319 _____

11. 839 _____

12. \$266 _____

13. Kyle bought a football for \$29 and shoulder pads for \$32. About how much did he spend? _____

14. At the beginning of the school year Lawrence helped his teacher count markers. He counted 53 red markers and 27 blue markers. About how many red and blue markers did he count?

• Adding Three-Digit Numbers

To add three-digit numbers:

Step 1: Line up the addends by their place value.

Step 2: Add the digits in the ones place.

Step 3: Add the digits in the tens place.

Step 4: Add the digits in the hundreds place.

Practice:

Add. You may use your money manipulatives.

1. $\$520 + \310 _____

2. $321 + 542$ _____

3. $138 + 456$ _____

4. $\$682 + \252 _____

5. How much money is seven \$100 bills, four \$10 bills, and twelve \$1 bills? _____

6. How much money is five \$10 bills, twelve \$1 bills, and two \$100 bills? _____

Add.

7. $621 + 344$ _____

8. $\$569 + \123 _____

9. $275 + 292$ _____

10. $318 + 207$ _____

11. $\$152 + \264 _____

12. $729 + 136$ _____

• Comparing and Ordering, Part 1

- We can compare numbers using a number line.
- We can compare numbers using place value.
- We use these symbols to show comparisons:

= equal
> greater than
< less than

Practice:

Choose < or > to compare.

1. \$53 ○ \$67

2. \$81 ○ \$45

3. 64 ○ 29

4. \$235 ○ \$189

5. 38 ○ 41

6. 12 ○ 30

7. Which costs less, a basketball for \$19 or a baseball bat for \$22? _____

8. Which costs more, a printer for \$139 or a computer for \$721? _____

9. Write these numbers in order from least to greatest: 68, 50, 87. _____

10. Write these numbers in order from greatest to least: 234, 515, 375. _____

11. Amy has 184 nickels, 201 pennies, and 111 dimes in her bank. Write the number of each kind of coin in Amy's bank in order from greatest to least.

- **Some and Some More Stories, Part 1**

- A **some and some more** story is an addition story.

$$\text{some} + \text{some more} = \text{total}$$

- We can also write **some and some more** problems like this:

$$\begin{array}{r} \text{Some} \\ + \text{Some more} \\ \hline \text{Total} \end{array}$$

Practice:

1. Write a number sentence for the following story:

Terry had twelve dollars. He received six dollars on his birthday. Then Terry had eighteen dollars. _____

The following stories have missing numbers. Write a number sentence for each problem, then answer each question with a complete sentence.

2. Elaine swam 10 laps in the morning. She swam 6 laps in the afternoon. How many laps did she swim in all?

3. Paul had some play money in his pockets. He had \$60 in his left pocket and \$35 in his right pocket. How much play money did Paul have in both pockets?

4. Tanya had 9 dollars saved. Then she earned another 6 dollars. How much money does Tanya have now?

5. Marilyn read 9 chapters of her book yesterday. This morning, she read another 4 chapters. How many chapters has she read in all?

• Subtracting Three-Digit Numbers

To subtract three-digit numbers:

Step 1: Line up the digits by their place value.

Step 2: Regroup if needed.

Step 3: Subtract the digits in the ones place.

Step 4: Subtract the digits in the tens place.

Step 5: Subtract the digits in the hundreds place.

Practice:

1. Subtract using money manipulatives and paper and pencil:

a.
$$\begin{array}{r} \$329 \\ - \$150 \\ \hline \end{array}$$

b.
$$\begin{array}{r} \$655 \\ - \$129 \\ \hline \end{array}$$

c.
$$\begin{array}{r} 364 \\ - 127 \\ \hline \end{array}$$

2. Subtract using paper and pencil:

a.
$$\begin{array}{r} \$570 \\ - \$290 \\ \hline \end{array}$$

b.
$$\begin{array}{r} 325 \\ - 170 \\ \hline \end{array}$$

c.
$$\begin{array}{r} \$225 \\ - \$179 \\ \hline \end{array}$$

Subtract. You may use your money manipulatives.

3.
$$\begin{array}{r} 445 \\ - 223 \\ \hline \end{array}$$

4.
$$\begin{array}{r} \$398 \\ - \$189 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 809 \\ - 210 \\ \hline \end{array}$$

6. Javier's dad had \$350. He paid \$218 for a new television. How much money does Javier's father have now? _____

- **Some Went Away**

- A **some went away** story is a subtraction story.

$$\text{some} - \text{some went away} = \text{what is left}$$

- We can also write some went away patterns like this:

$$\begin{array}{r} \text{Some} \\ - \text{Some went away} \\ \hline \text{What is left} \end{array}$$

Practice:

1. Write a number sentence for the following story.

Tracy had \$16. She spent \$7 at the mall. Then Tracy had \$9. _____

Write a number sentence for each story. Then answer each question with a complete sentence.

2. Katrina had \$37. She spent \$19 on a new game. How much money did she have left?

3. Cam had \$54. Then he bought a new shirt for \$26. How much money did Cam have after he bought the shirt?

4. Juana had \$30. She bought a skirt that cost \$28. How much change did she get from three \$10 bills?
