

Lesson 32

Objective

Students will use the dollar symbol and decimal.

Students will recognize dollar coins and bills.

Preparation

For each student: multiple dollar coins and dollar bills (*masters on pages M28 and M29*).

Lesson Plan

Students have been writing money with the cent (¢) symbol as the amounts have been less than one dollar. Hold up a dime and write 10¢ and \$.10 on the board. Both representations are equal to one dime.

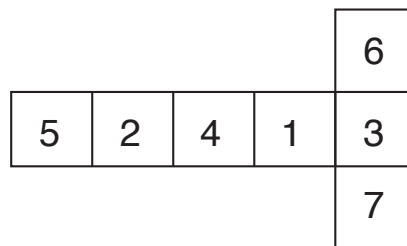
Point out that the cent symbol is not used along with the dollar symbol. You can write \$.10 or 10¢ but you would not write \$.10¢. Continue to hold up more dimes, and each time have a student write the amounts both ways on the board.



When you get to one dollar, remind the class that any number place cannot have a digit larger than “9” so 10 dimes is written \$1.00. With what they know about fractions, ask how dimes compare to dollars. (Dimes are parts of dollars.) Ask what part of a dollar a dime is since it takes ten dimes to make one dollar. (One-tenth.)

Demonstrate the coins and dollar bills. The dollar coin is not very popular but you can get them at the bank or the post office. There are many dollar designs. What is unusual about the dollar coins with Susan B. Anthony and Sacajawea? (They do not have the face of a President of the USA; they are famous women in our history.)

Stretch 32

When counting by 1, two numbers that are next to each other are called consecutive. Draw the figure shown on the board (without the numbers). The students are to arrange the numbers 1 – 7 in such a way that no two consecutive numbers are next to each other.



Lesson 32	Name _____	Date _____	Homework																								
Using the dollar symbol and decimal; recognizing dollar coins and bills																											
Money amounts up to 99 cents are written with the cent symbol (¢). When you get to 100 cents the amount is written with a dollar symbol (\$). The dollar symbol goes in front. The decimal point separates dollars from cents. We have both dollar coins and bills.																											
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Dollar Bills</p>  </div> <div style="text-align: center;"> <p>Dollar Coins</p>  </div> </div>																											
<p>dollar symbol → \$1.00</p> <p style="margin-left: 100px;">↑</p> <p style="margin-left: 100px;">decimal</p>																											
① One dollar and sixteen cents $\underline{\$1.16}$		② Write the symbols. $170\text{¢} = \underline{\$1.70}$																									
③ One dollar and twenty-one cents $\underline{\$1.21}$		④ Two dollars and forty-two cents $\underline{\$2.42}$																									
Seventy-eight cents $\underline{78\text{¢}}$		Seventeen cents $\underline{17\text{¢}}$																									
<p>Basic Fact Practice</p> <table style="width: 100%; text-align: center;"> <tr> <td>2</td><td>4</td><td>3</td><td>5</td><td>6</td><td>7</td><td>9</td><td>10</td> </tr> <tr> <td>+ 9</td><td>+ 4</td><td>+ 7</td><td>+ 8</td><td>+ 4</td><td>- 3</td><td>- 2</td><td>- 6</td> </tr> <tr> <td><u>11</u></td><td><u>8</u></td><td><u>10</u></td><td><u>13</u></td><td><u>10</u></td><td><u>4</u></td><td><u>7</u></td><td><u>4</u></td> </tr> </table>		2	4	3	5	6	7	9	10	+ 9	+ 4	+ 7	+ 8	+ 4	- 3	- 2	- 6	<u>11</u>	<u>8</u>	<u>10</u>	<u>13</u>	<u>10</u>	<u>4</u>	<u>7</u>	<u>4</u>	① 95¢ $\underline{78\text{¢}}$ $+ 17\text{¢}$ $\underline{95\text{¢}}$	
2	4	3	5	6	7	9	10																				
+ 9	+ 4	+ 7	+ 8	+ 4	- 3	- 2	- 6																				
<u>11</u>	<u>8</u>	<u>10</u>	<u>13</u>	<u>10</u>	<u>4</u>	<u>7</u>	<u>4</u>																				
Put the numbers in order from least to greatest. (18, 14, 22) $\underline{14}$ $\underline{18}$ $\underline{22}$			A 9 six $\underline{6}$ $\begin{array}{r} 6 \\ + 3 \\ \hline 9 \end{array}$ three $\underline{3}$																								
Which number is first? $\underline{14}$			C 39 $\begin{array}{r} 38 \\ - 16 \\ \hline 22 \end{array}$ $\begin{array}{r} 4 \\ + 13 \\ \hline 17 \end{array}$ $\begin{array}{r} 22 \\ + 17 \\ \hline 39 \end{array}$ $12 + 4 =$ $\begin{array}{r} 12 \\ + 4 \\ \hline 16 \end{array}$ $3 + 8 + 2 = 13$																								
Select the number from the given set to fill in the blank. (19, 25, 7, 24, 32) $28 < \underline{32}$			D 29 $12 + 4 =$ $\begin{array}{r} 12 \\ + 4 \\ \hline 16 \end{array}$ $3 + 8 + 2 = 13$																								
Paul scored 2 goals in the first half of the game and 3 in the second half. How many goals did he score in all? $2 + 3 = 5$ $\underline{5 \text{ goals}}$			E 44 $\begin{array}{r} 14 \\ + 30 \\ \hline 44 \end{array}$																								
F 37 $\begin{array}{r} 32 \\ + 5 \\ \hline 37 \end{array}$																											

Guided Practice 32		Name _____	
Thirteen cents $\underline{13\text{¢}}$		A 39¢ $\begin{array}{r} 13\text{¢} \\ + 26\text{¢} \\ \hline 39\text{¢} \end{array}$	
Twenty-six cents $\underline{26\text{¢}}$		B 67 $\begin{array}{r} 46 \\ - 6 \\ \hline 40 \end{array}$ $\begin{array}{r} 23 \\ + 4 \\ \hline 27 \end{array}$ $\begin{array}{r} 40 \\ + 27 \\ \hline 67 \end{array}$	
E 38 $\begin{array}{r} 17 \\ + 13 \\ \hline 30 \end{array}$ $\begin{array}{r} 4 \\ + 4 \\ \hline 8 \end{array}$ $\begin{array}{r} 30 \\ + 8 \\ \hline 38 \end{array}$		F 18 From the right, which number is fourth? (4, 10, 12, 14, 16, 24) $\underline{12}$ $10 - 4 = 6$	
I 16 Which one does not belong? 2. $11 - 9 = 2$ 3. $2 + 9 = 11$ ④. $9 - 2 = 7$ 5. $9 + 2 = 11$		G 52¢ twelve cents $\underline{12\text{¢}}$ $\begin{array}{r} 12\text{¢} \\ + 40\text{¢} \\ \hline 52\text{¢} \end{array}$ forty cents $\underline{40\text{¢}}$	
J 29 Chad, Ashley and Isaiah went fishing. They caught 10 fish. Chad caught two fish. How many more fish did Ashley catch than Isaiah? $\begin{array}{r} 4 \\ + 12 \\ \hline 16 \end{array}$ 12. not enough information 14. enough information		H 37 $37 - 4 =$ $\begin{array}{r} 37 \\ - 4 \\ \hline 33 \end{array}$ $11 - 7 = 4$	
K 8 Jonas ran 2 miles. Sally ran 3 miles. How many miles did they run in total? $3 + 2 = 5$ $\underline{5 \text{ miles}}$		L 9 Betty has 1 toy. Bob has 2 toys. How many toys do they have in total? $1 + 2 = 3$ $\begin{array}{r} 5 \\ + 3 \\ \hline 8 \end{array}$	
It is $\underline{7}$ o'clock.		Adena has 3 cherry trees, 2 apple trees and 3 pine trees in her yard. How many trees does she have? $3 + 2 + 3 = 8$ $\underline{8 \text{ trees}}$	
