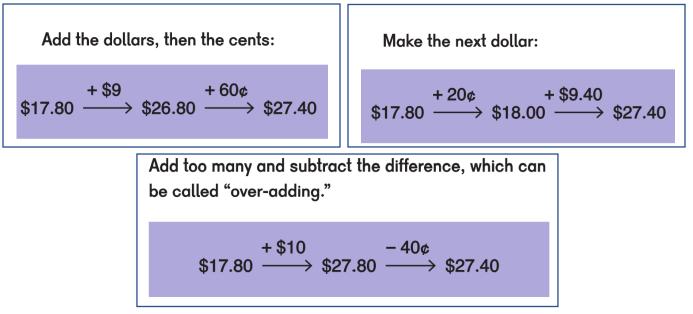
### Dimensions Math Grade 3 Letter Home Chapter 15 Money

#### **Home Connection**

In chapter 15, your child will learn to make change for amounts within \$100. It is important that students can convert between amounts written in cents and dollars and cents.

\$50.94 = 5,094¢ 43¢ = \$0.43

Mental Math methods introduced in Chapter 2 will be practiced and applied as well.



## Addition Strategies: \$17.80 + \$9.60

## Subtraction Strategies: \$19.60 - \$7.65



Subtract too many and add the difference, which can be called "over-subtracting."  $\$19.60 \xrightarrow{-\$8} \$11.60 \xrightarrow{+35} \$11.95$ 

Students should practice	
mental math but should	\$17.80 1,780
also be comfortable	$+$ \$9.60 $\rightarrow$ $+$ 960
solving any of these	
problems using the	$\$27.40 \qquad 2,740 \rightarrow \$27.40$
vertical algorithm when	\$19.60 1,960
the problem is not easy to	
calculate mentally.	$-\underline{\$7.65} \longrightarrow -\underline{765}$
2	$11.95$ $1,195 \rightarrow 11.95$

## What can we do at home?

- Have your child help with grocery shopping and budgeting to gain real life experience with money.
- Money Face-Off
  - Materials: Bag of random coins
  - Players take turns reaching into the bag and pulling out a handful of coins.
  - Players total the coins in each grab. The player with the highest value of coins scores a point.
  - The winner is the player with the most points after several rounds.
- Trading Up
  - $\circ~$  Materials: Bag of coins with a few \$1 and \$5 bills and 2 dice
  - Child starts with one quarter. On each turn, players roll the dice and add that amount to their start money.
  - If the amount added makes up another coin or dollar students trade their change for the new coin or dollar.
  - $\circ~$  The first player to get \$5 wins.

# Please continue to practice math facts all summer long. There are some great activities on our TCA Website: <u>https://www.tcatitans.org/Domain/200</u>