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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

Add the dollars, then the cents:

$$\$17.80 \xrightarrow{+ \$9} \$26.80 \xrightarrow{+ 60¢} \$27.40$$

Make the next dollar:

$$\$17.80 \xrightarrow{+ 20¢} \$18.00 \xrightarrow{+ \$9.40} \$27.40$$

Add too many and subtract the difference, which can be called "over-adding."

$$\$17.80 \xrightarrow{+ \$10} \$27.80 \xrightarrow{- 40¢} \$27.40$$

Subtraction Strategies: $19.60 - $7.65

Subtract the dollars, then the cents:

$$\$19.60 \xrightarrow{- \$7} \$12.60 \xrightarrow{- 65¢} \$11.95$$

Make an even dollar:

$$\$19.60 \xrightarrow{- 60¢} \$19.00 \xrightarrow{- \$7.05} \$11.95$$

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 also be comfortable solving any of these problems using the vertical algorithm when the problem is not easy to calculate mentally.

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  $17.80          1,780
+ $9.60    →    +  960
  $27.40          2,740  →  $27.40

  $19.60          1,960
- $7.65    →    -  765
  $11.95          1,195  →  $11.95
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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**
    - 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.
    - 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: https://www.tcatitans.org/Domain/200