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Let's Go to the Store!

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Student's Name: _____   Date: _____

Period: _____

Let's Go to the Store!

Dear Family Partner,
      In math, we are studying **SALES TAX**. I hope you enjoy this activity with me. This assignment is due _____.

                                                                    Sincerely,

                                                     _____
                                                              (Student's Signature)

OBJECTIVE: To determine the total price including discount or tip.

Who is your family partner?
Name: _____   Relationship:_____

Choose one column below to complete with your family partner.

SHOPPING!	EATING OUT!

LOOK THIS OVER: Explain this example to your family partner.

You buy shoes for $16.87. They are on sale for 15% off. How much do you pay?
1. Change the percent (%) to a decimal. Move the decimal to the left 2 places (multiply by 100).
          15% = .15
2. Multiply the original price and the discount together.
          $16.87 x .15 = $2.5305
3. Round to the nearest cent.
          $2.5305 = $2.53
4. Subtract the discount amount from the original price.
          $16.87 - $2.53 = $14.34

NOW TRY THIS: Show your family partner how you do these examples.

1. A shirt costs $11.99. It is on sale for 8% off. How much will you pay?

2. A pair of pants cost $21.37. They are on sale for 23% off. How much will you pay?

LOOK THIS OVER: Explain this example to your family partner.

Your dinner at a restaurant costs $23.19. The service was great so you tip 20%. How much will you pay?
1. Change the percent (%) to a decimal. Move the decimal to the left 2 places (multiply by 100).
          20% = .20 (or .2)
2. Multiply the original price times the tip amount.
          $23.19 x .2 = $4.638
3. Round to the nearest cent.
          $4.638 = $4.64
4. Add the tip amount to the original bill.
          $23.19 + $4.64 = $27.83

NOW TRY THIS: Show your family partner how you do these examples.

1. Your meal costs $19.85. The service was bad so you leave a 10% tip. How much will you pay?

2. A meal costs $25.38. The service was okay, you leave a 15% tip. How much will you pay?

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IN THE REAL WORLD: **Visit a store with your family partner and do the following with him/her.** (You do NOT have to buy anything.)

1. What store did you visit?

2. Find an item that is on sale. What is the item?

3. How much is the original price?

4. How much is the discount (% off)?

5. How much would you pay if you bought it?

IN THE REAL WORLD: **Go to a restaurant with your family partner and figure out the following with him/her.**

1. What restaurant did you go to?

2. How much was the total bill?

3. How was the service? Good, ok, bad? Somewhere in between?

4. What percent tip was left?

5. How much was the total bill with tip?

ANSWER TO "NOW TRY THIS":
1. 8% = .08
    $11.99 x .08 = $0.9592
    $0.9592 = $0.96
    $11.99 - $0.96 = $11.03
2. 25% = .25
    $21.37 x .25 = $5.3425
    $5.3425 = $5.34
    $21.37 - $5.34 = $16.03

ANSWER TO "NOW TRY THIS":
1. 10% = .1 (or .10)
    $19.85 x .1 = $1.985
    $1.985 = $1.99
    $19.85 + $1.99 = $20.84
2. 15% = .15
    $25.38 x .15 = $3.807
    $3.807 = $3.81
    $25.38 + $3.81 = $29.19

HOME TO SCHOOL COMMUNICATION:

Dear Family Partner,

Thank you for working on this activity with your child. Please give me your reactions to your child's work on this activity. Write YES or NO for each statement.

_____1. My child understood the homework and was able to discuss it.

_____2. My child and I enjoyed the activity.

_____3. This assignment helped me to know what my child is learning in math.

Other comments:

_____
_____
_____
_____

Family Partner Signature: _____