THE MATH MARKET

CARROTS $1.58 SERVES 7	**BANANAS** .86 SERVES 6	**STRAWBERRIES** $2.48 SERVES 5	**GRAPES** $3.67 SERVES 8
EGGS $2.54 SERVES 12	**CHICKEN STRIPS** $5.74 SERVES 8	**PIZZA** $7.24 SERVES 5	**CEREAL** $2.25 SERVES 16
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BISCUITS $2.94 SERVES 8	**CANDY** $1.66 SERVES 1	**DONUTS** .59 SERVES 1	**BREAD** $3.46 SERVES 18
TISSUES $2.56	**SHAMPOO** $3.55	**CARD** $1.49	**DOG FOOD** $13.43

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Day 1

SHOPPING SCENARIOS

Read each of the shopping scenarios below. Use your Math Market Ad to answer the questions.

CEREAL SNACKING

You buy two boxes of cereal.

How many servings do you have?

How much do the two boxes cost altogether?

What combination of bills and coins would you use to pay for your purchase?

If you eat one serving each day, how many days would your purchase last?

PIZZA PONDERINGS

You buy a box of pizza.

You have a coupon for $1.50 off the frozen pizza. How much is it now?

You hand the cashier a ten dollar bill. How much change does she give you?

Using the change you received, what can you buy from The Math Market?

FRUITS AND VEGGIES

You are making a fruit salad.

You buy a package of strawberries, bananas, and grapes. How much do you spend?

If you bought a pre-made fruit salad at the store, the price is $14.99. How much do you save by making your own?

When you get home, you realize you need one more package of strawberries and two more bunches of bananas. How much do you spend on those three items?

DINNER DOLLARS

Mom sends you to the store for dinner.

She asks you to buy chicken, broccoli, and macaroni and cheese. How much money do you need?

Mom gives you a $20 bill and asks you to buy dog food for Fido if you have enough. Do you? Explain.

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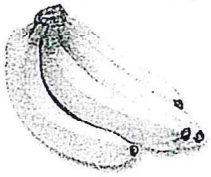
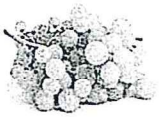
Day 1

All Operations (A)

Find each sum, difference, product, or quotient.

14 - 11	14 - 8	3 + 11	12 - 4	5 - 3	24 ÷ 6	9 - 1	8 × 12	63 ÷ 9	2 × 12
5 + 9	4 ÷ 4	66 ÷ 11	4 + 11	8 ÷ 2	11 - 5	12 × 5	84 ÷ 12	7 × 7	13 - 2
1 × 4	77 ÷ 7	2 × 2	10 × 10	10 × 6	24 ÷ 4	19 - 10	9 + 9	5 × 8	22 - 11
16 - 9	2 + 3	2 ÷ 1	11 - 7	14 - 7	19 - 12	8 + 5	7 + 3	6 ÷ 2	19 - 10
36 ÷ 12	8 - 7	7 + 2	7 - 4	7 × 9	7 × 1	4 + 1	12 × 5	8 + 5	5 + 12
2 + 11	16 ÷ 8	7 + 1	3 + 5	5 + 2	3 + 8	36 ÷ 4	7 × 12	22 - 11	4 + 9
16 ÷ 4	9 + 3	10 - 6	18 ÷ 9	17 - 11	12 ÷ 6	9 - 6	6 + 3	3 + 8	5 + 11
2 + 6	10 - 8	8 ÷ 8	5 + 2	10 × 8	1 + 11	11 - 10	9 + 4	60 ÷ 10	9 - 2
11 + 9	30 ÷ 5	6 + 8	14 - 7	8 + 10	16 - 6	9 + 11	23 - 12	10 × 1	6 + 7
49 7	9 + 9	12 + 10	10 - 8	8 × 4	4 × 7	3 × 6	18 - 7	2 + 2	2 + 12

THE MATH MARKET

CARROTS $1.58 SERVES 7	**BANANAS**  .86 SERVES 6	**STRAWBERRIES** $2.48 SERVES 5	**GRAPES**  $3.67 SERVES 8
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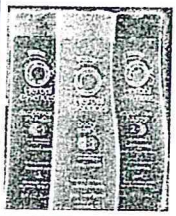
TISSUES $2.56	**SHAMPOO**  $3.55	**CARD** $1.49	**DOG FOOD** $13.43

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Day 2

DECISIONS, DECISIONS

Now it's your turn to decide what to buy! Read the scenarios below and answer the questions.

YOU PICK TWO

Pick two items that you want to buy from the Math Market.

Item	Cost
Total Cost:	

If you ONLY use bills, what combination would you use to make sure you had enough?

How much change would you get when you pay with your bills?

YOU PICK FOUR

Pick four items that you want to buy from the Math Market.

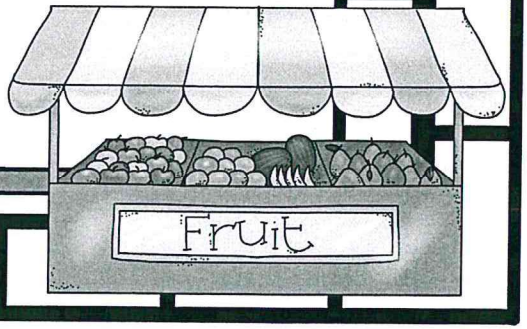
Item	Cost
Total Cost:	

If you ONLY use bills, what combination would you use to make sure you had enough?

How much change would you get when you pay with your bills?

FRUIT FOR THE FAMILY

You need to buy fruit for your family for the entire week. There are 6 family members, and everyone needs one serving of fruit for the entire week (7 days). What combination of fruit would you buy to have enough? Make a table to display what you would buy. Be sure to list your total, how you pay, and the change you get back.



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Day 2

SHOPPING FOR THE WEEK

You go shopping twice throughout the week. Follow the directions below to detail both of your shopping trips. You must figure out what combination of items you can buy with each amount. Please buy enough to come within $2.00 of your starting amount, and include at LEAST three items.

MONDAY

You have $20.35 to go shopping with.

What do you buy?

How much money do you spend?

How much money do you have left?

How many servings of food did you buy?

THURSDAY

You have $14.53 to go shopping with.

What do you buy?

How much money do you spend?

How much money do you have left?

How many servings of food did you buy?

FOLLOW UP QUESTIONS

1. How much more money do you have to go shopping on Monday than you have on Thursday?

2. How much more money did you actually spend on Monday than on Thursday?

3. On Saturday, you decide to go shopping again. You can't decide whether you want to buy Donuts and Grapes or Cereal and Eggs. Which combination would be less expensive to buy? By how much?

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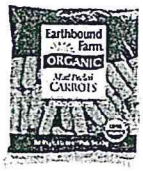
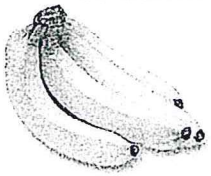
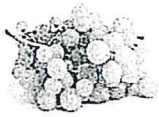
Day 2

All Operations (B)

Find each sum, difference, product, or quotient.

8 × 12	96 ÷ 12	4 + 8	10 - 5	4 + 6	10 + 5	8 - 5	12 + 4	6 × 1	16 - 6
9 + 9	45 ÷ 9	14 - 3	4 + 5	15 - 4	10 × 11	19 - 7	8 - 7	77 ÷ 11	1 + 7
12 - 2	1 × 8	72 ÷ 12	6 + 9	6 - 4	4 × 9	13 - 8	3 + 4	10 + 6	23 - 11
22 - 11	14 - 8	66 ÷ 6	6 ÷ 6	35 ÷ 7	2 + 8	10 × 10	15 - 4	8 × 2	3 + 10
24 ÷ 4	17 - 5	7 × 7	4 + 7	8 ÷ 4	1 + 1	3 + 6	9 ÷ 9	12 + 11	22 - 11
1 + 7	6 - 1	14 - 5	8 - 4	3 × 2	18 ÷ 6	9 ÷ 9	3 × 1	12 - 4	15 ÷ 5
17 - 10	40 ÷ 4	6 + 2	72 ÷ 9	2 × 10	3 + 3	24 ÷ 12	3 × 8	3 × 4	22 - 11
8 + 5	12 + 9	6 + 4	20 - 9	18 - 12	9 - 2	55 ÷ 5	3 + 11	12 - 8	8 × 5
12 · 10	10 - 5	19 - 7	4 × 1	3 × 11	23 - 12	8 × 1	12 ÷ 4	12 - 8	30 ÷ 3
21 ÷ 3	13 - 10	5 × 6	6 + 1	12 + 10	9 - 8	5 + 7	11 + 4	7 + 10	9 × 2

THE MATH MARKET

CARROTS  $1.58 SERVES 7	**BANANAS**  .86 SERVES 6	**STRAWBERRIES** $2.48 SERVES 5	**GRAPES**  $3.67 SERVES 8
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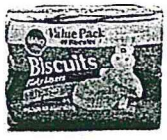
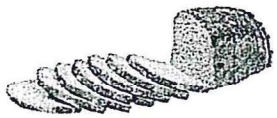
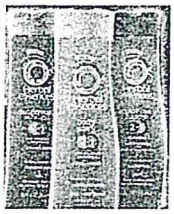
BISCUITS  $2.94 SERVES 8	**CANDY** $1.66 SERVES 1	**DONUTS** .59 SERVES 1	**BREAD**  $3.46 SERVES 18
TISSUES $2.56	**SHAMPOO**  $3.55	**CARD** $1.49	**DOG FOOD** $13.43

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Day 3

MORE PROBLEM SOLVING SCENARIOS

You need 15 servings of strawberries for your upcoming party. How many packages will you need to buy, and how much will it cost?

Your family uses 24 pieces of bread each week. How many loaves do you need, and how much will it cost?

Conditioner costs .59 more than shampoo. How much will it cost you to get both shampoo and conditioner?

Is it a better deal to make Chicken Strips and Broccoli for dinner or a pizza? Explain.

A singing music card costs $2.89 more than the card in the ad. How much would the singing card cost?

Mac & Cheese went on sale for $1.49. How much money would you save if you bought TWO boxes of it?

Day 3

READING THE RECEIPTS

Each of the receipts below has some missing parts. Fill in the blanks to complete the receipts. Use your Math Market Ad to help you!

THE MATH MARKET

Carrots..... $1.58
Cereal..... $2.25
Crackers..... $2.04
Candy..... $1.66
Card..... $1.49

Coupon..... -$0.99

Total..... $_____

THE MATH MARKET

Bread..... $_____
Eggs..... $_____
Donut..... $_____
Tissues.....$_____

Coupon..... -$____

Total..... $7.90

Create your own receipt below. You buy at least 4 items and have a coupon for $1.59.

THE MATH MARKET

Grapes..... $_____
Strawberries..... $_____
Biscuits..... $_____
Dog Food.....$_____
Shampoo.....$_____
Bananas.....$_____

Extras:
Bag of Ice.....$_____

Total..... $28.56

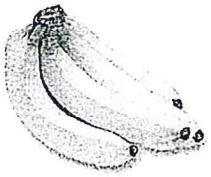
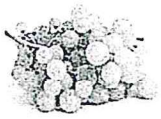
Day 3

All Operations (C)

Find each sum, difference, product, or quotient.

50 ÷ 5	10 - 1	16 ÷ 2	45 ÷ 5	11 + 3	7 × 3	14 - 5	1 × 3	1 × 1	4 × 12
10 × 1	15 - 11	22 ÷ 11	4 × 6	3 × 10	11 + 4	3 × 8	18 - 12	7 + 8	24 ÷ 4
19 - 12	16 - 6	16 - 11	21 - 9	84 ÷ 12	9 - 7	10 - 9	8 × 10	14 - 4	33 ÷ 11
10 - 5	1 × 10	5 + 5	4 × 9	5 - 3	4 + 2	11 × 5	4 × 3	7 × 8	8 × 2
8 - 5	7 - 5	11 - 4	5 - 2	2 + 4	12 × 11	1 × 7	11 + 8	3 + 8	42 ÷ 6
42 ÷ 7	1 + 4	12 ÷ 2	11 + 11	8 × 4	84 ÷ 7	13 - 6	45 ÷ 9	12 × 4	8 × 3
11 × 8	5 ÷ 1	9 × 2	77 ÷ 7	7 × 12	6 × 8	80 ÷ 10	13 - 6	8 - 2	60 ÷ 5
1 × 12	12 × 1	10 ÷ 2	3 × 8	15 ÷ 5	12 + 4	3 + 5	3 × 8	17 - 9	33 ÷ 3
11 × 7	7 + 1	11 × 9	10 - 2	1 × 12	9 ÷ 1	8 × 12	8 + 2	14 ÷ 2	5 × 6
11 - 7	90 ÷ 9	2 × 6	8 - 1	21 ÷ 7	10 + 6	1 × 4	9 + 11	20 - 9	14 - 4

THE MATH MARKET

CARROTS $1.58 SERVES 7	**BANANAS**  .86 SERVES 6	**STRAWBERRIES** $2.48 SERVES 5	**GRAPES**  $3.67 SERVES 8
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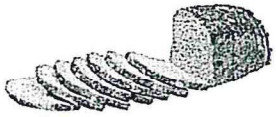
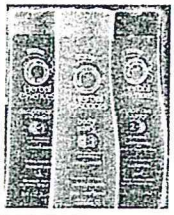
BISCUITS $2.94 SERVES 8	**CANDY** $1.66 SERVES 1	**DONUTS** .59 SERVES 1	**BREAD**  $3.46 SERVES 18
TISSUES $2.56	**SHAMPOO**  $3.55	**CARD** $1.49	**DOG FOOD** $13.43

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