# Unit Overview

Objectives

- Understanding Money and Personal Finances
- Adding and Subtracting with Decimals

Steps

1. List the objectives for the students.

2. In this activity students will determine whether unexpected events have positive or negative consequences. They will show how their finances are affected by these events.

3. Discuss the purpose of keeping a check register. Make enough copies of the Student Check Register (page 81) and distribute copies to the students. Assign a beginning balance for each checkbook register.

4. On the chalkboard draw a two-column chart with the headings "Positive" and "Negative." Ask students to brainstorm one list of events that could affect their finances positively and another list of events that could affect their finances negatively. Write students' suggestions on the chart under the appropriate headings.

5. On heavy paper or cardstock, copy as many sets of the Unexpected Event Cards (pages 75–80) as needed so there is enough for at least one card per student. Cut the cards apart, shuffle, and place them facedown in a stack.

6. Have students pick events and read them to the class. Have the students then record the effects of the events on their check registers.

7. After a certain number of cards (as predetermined by the teacher) have been read aloud and recorded, have the students balance their check registers. After all the cards have been read aloud, have the students calculate a final balance and find the difference between their beginning and current balances.
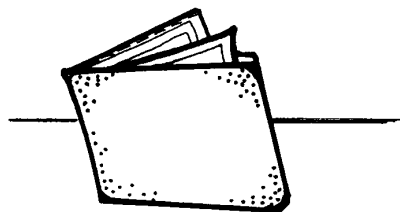
Unexpected Events Cards

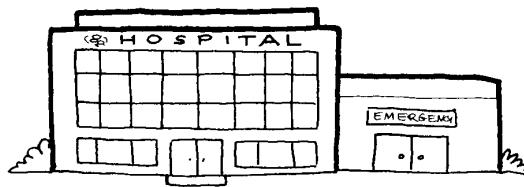You win a new car on a game show, so you sell your old one for $1,500.
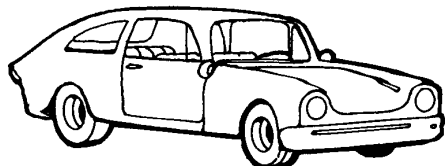
You pay the Internal Revenue Service $1,200 for last year's income tax.
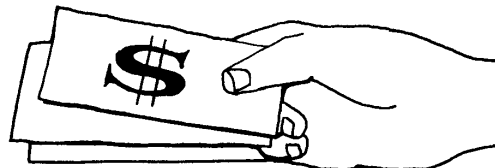
You receive a $100 reward for returning a lost wallet.

You go to the emergency room at the hospital and get stitches. The bill is $175.

You earn a $1,000 bonus from your boss.

Susan Jones
1309 1st Street
Huntington Village, CA 92000
(700) 801-9901

331

May 12 20 02   98-7170/3341

Pay to the
order of _____Joe Green_____ $1000___

One thousand and no/cents_____ Dollars

Bank of Huntington Beach
Huntington Beach, California 92647
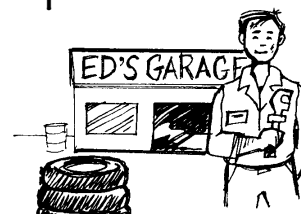
For _____ Susan Jones

⑈8419714013940561278⑈

A plumber fixes the leaky faucet in your kitchen for $115.
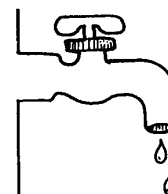
You receive $200 for your birthday.
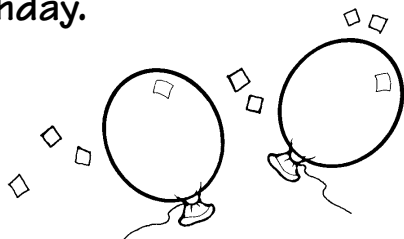
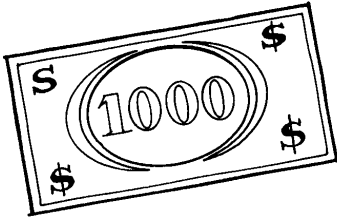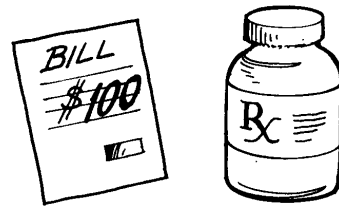Your mechanic charges you $480 for car repairs.

ED'S GARAGE

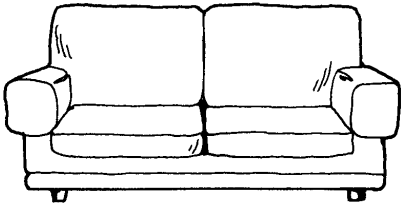# Unexpected Events
Cards *(cont.)*

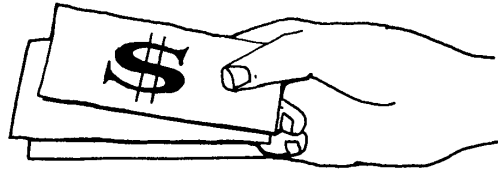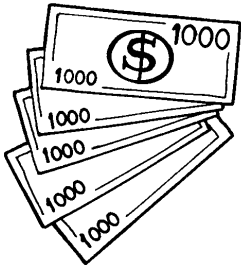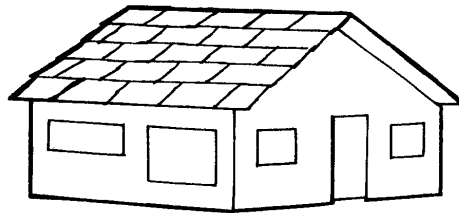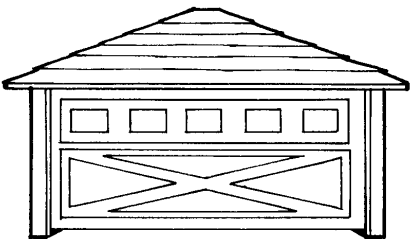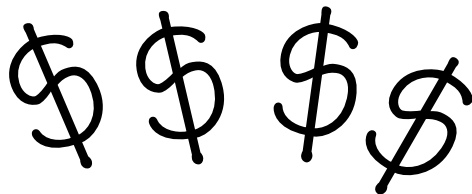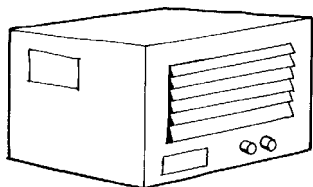|	
Your boss gives you a raise of $1,000 per year.	You spend $100 for prescription medicines.
A flood destroys some furniture. It costs $2,000 to purchase new furniture.	You pay $1,000 for legal expenses.
You get a $5,000 pay cut per year.	You repair your roof for $3,000.
You need to replace your garage door. It costs $500.	You get a tax refund for $250.

Unexpected Events Cards *(cont.)*

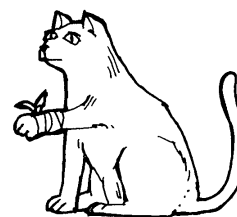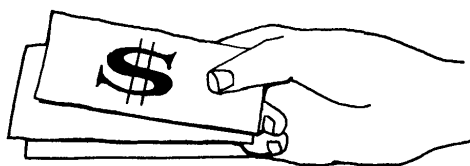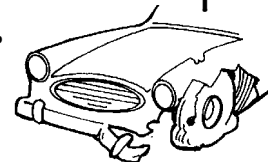|	
Your air conditioner/heater breaks down. You pay $500 to repair it.	You cash a savings bond for $100.
You inherit $5,000 from a great aunt who died.	Your pet is sick, and you take it to the vet. It costs $125.
You buy a computer. It costs $1,200.	You had a minor car accident. The repairs will cost $300. You pay the $200 deductible, and your insurance company pays the rest.
Your dentist tells you that you need major dental work. You pay him $2,500.	You work a second job and earn $10,000 in one year.
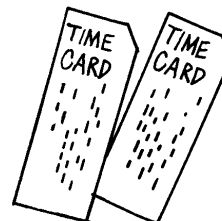
Unexpected Events Cards *(cont.)*

You spend $2,500 to visit a sick relative.	Your stolen wallet is returned, but the $125 you had in it is missing.
You forget to add a deposit into your checking account. You discover you have $300 more than you thought you did.	You visit the emergency room for a broken arm. The bill is $1,000.
You sell some stocks and make a $200 profit.	You forgot to pay last month's bills. The penalties on this month's bills add up to $90.
You sell some stocks and lose $200.	Your refrigerator breaks down. A new one costs you $900.
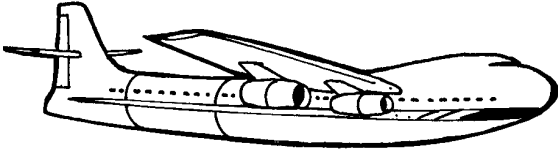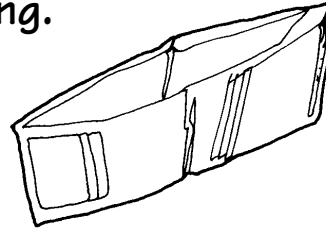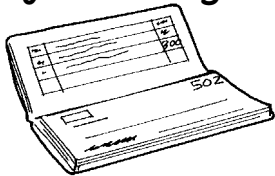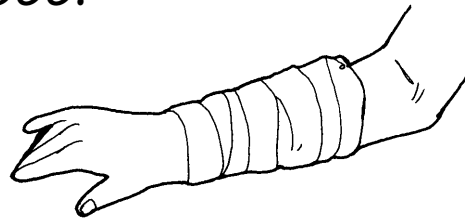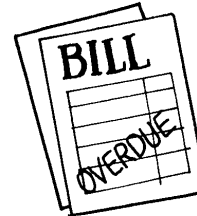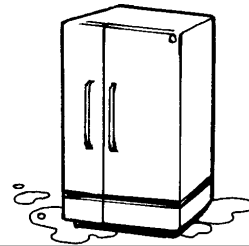
Unexpected Events
Cards *(cont.)*

You have a flat tire. It costs you $60 to replace.	A friend borrows $100 and never pays you back.
You find $25 in an old wallet that you are about to throw away.	A magazine pays you $150 for a poem that you wrote.
Your car is in the repair shop. You must take a taxi to and from work. Together the trips cost you $50.	You lose $20 while jogging. It must have fallen out of your pocket.
You earn $50 selling some old records and CD's.	A friend is collecting funds for your community's homeless. You donate $50.
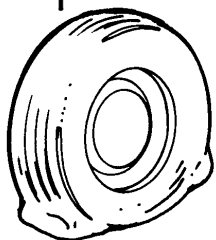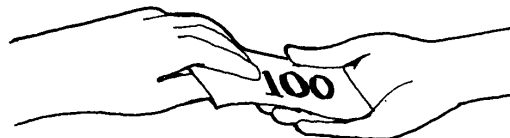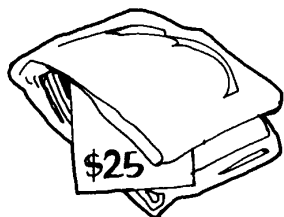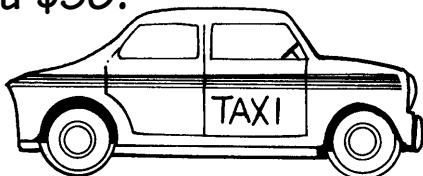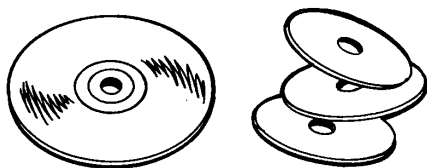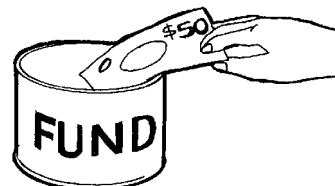
Unexpected Events
Cards *(cont.)*

You are parked illegally and get a ticket. The fine is $60.	You need glasses for the first time in your life. They cost you $125.
You repair your broken television for $80.	Your favorite football team is finally playing in the Super Bowl. You pay $100 for a ticket. SUPER BOWL Ticket $100
You break a window in your living room. It costs you $70 to replace.	You get a $25 rebate on a new bed that you bought. BED SHOP REBATE $25
You always stick extra change in your piggy bank. Today you count it and find that you have saved $50.	You are a witness to a crime and work with the police to help them catch the criminal. You earn a $100 reward. Police REWARD 100
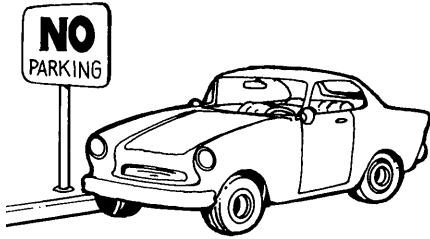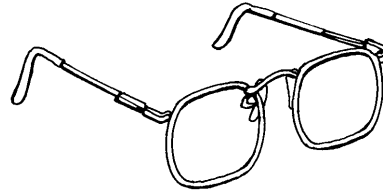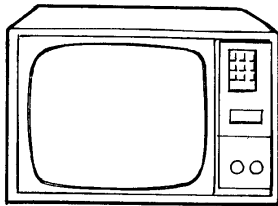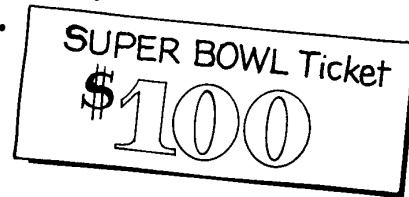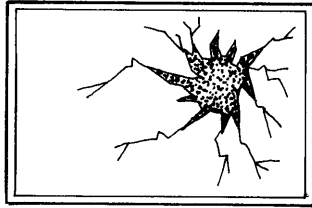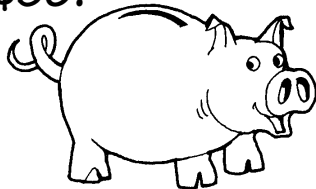
Student
Check Register

			Payment or Debit (−)	Tax Item (✔)	Fee— if any	Deposit or Credit (+)	Balance	
Number	Date	Description of Transaction						

Record all transactions that affect your account.

Answer Key (cont.)

Part II

1. 2/$80   4. 6:16
2. 1/$40   5. Answers will vary.
3. 9:18

Pages 49–52

Part I

1. 9
2. 9:9
3. 18:12

Part II

1. 9:12
2. 4:8
3. No, it is equal to 1/2.

Part III

1. 1/$2.00
2. 12/$22.00
3. 1/$24.00
4. 12/$72
5. $2.00

Part IV

1. Check student work.
2. Check student work.
3. Answers will vary.

Pages 54 and 55

Part I

1. 70
2. 105
   Monday–50%
   Tuesday–20%
   Wednesday–30%
   Thursday–10%
   Friday–100%

Part II

1. $58.50
2. $36.00
3. 195
4. $1,053
5. $2,295
6. 150

Pages 56–59

Part I

1. 6

2. 10
3. 184
4. Answers will vary.

Part II

1. 80%
2. 90%
3. 50%; Answers will vary.
4. 33%
5. 133

Part III

1. 57%
2. 71%
3. 50%
4. 33%
5. 66%

Part IV

1. $1.00
2. 17%
3. Answers will vary.
4. $0, no savings

Pages 61 and 62

1. Check student graphs.
2. Check student graphs.
3. T-shirts 1/4
   Sneakers 1/2
   Athletic Posters 1/8
   Other 1/8
4. Check student graphs.

Pages 63–66

Part I

1. July
2. 3 times
3. approximately 30
4. August
5. July; answers will vary.

Part II

1. Check student graphs.
2. 38 hours and 45 minutes
3. 43 hours
4. 203 hours
5. $4,060

Part III

Answers will vary.

Part IV

1. Harris and Gruber
2. Gruber
3. Gruber
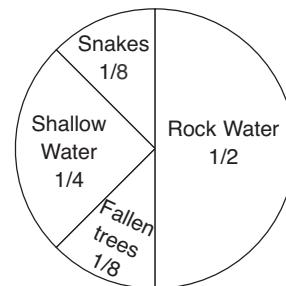
4. Answers will vary.

Pages 68 and 69

Part I

1. 82
2. $25
3. $60
4. There is no mode.
5. Answers will vary.

Part II

1. approximately 23 people
2. 25
3. 25 and 18
4. $50
5. 6
6. $6

Pages 70–73

Part I

1. 175 miles
2. $43
3. $30
4. 3 hours

Part II

1. 175
2. $12
3. $35
4. $10
5. $7
6. Answers will vary.

Part III

1. 44
2. 30
3. 30

4. 38

5. Yes, 42

Part IV

1. $4.00

2. Range 28; Median 15

3. Range 37; Mean 29

4. 31

5. Answers will vary

Page 82

1. Week 3

2. Week 1

3. $195.00

4. 39

5. film processing

Page 83

1. 10 to 14

2. 14 to 10

			1 to 2	1:2	1/2
□	△	△	1 to 2	1:2	1/2
○○○○	○		4 to 1	4:1	4/1
□□	♡	♡	2 to 2	2:2	2/1
♡☆	☆☆	☆	1 to 4	1:4	1/4

Page 84

1.

# of People	# of Hands
1 person	2
2 people	4
3 people	6
4 people	8

As the number of people increases, the number of hands to build the house will increase.

2.

# of Tables	# of Chairs
4 tables	16
8 tables	32
12 tables	48
16 tables	64

There are 4 times as many chairs as there are tables.

3. Ratio should show 10 squares and 6 circles; 5/3, 10/6

Page 85

1. 5 miles x 4 miles = 20 sq. miles

2. 3 miles x 2 miles = 6 sq. miles

3. 8 miles x 8 miles = 64 sq. miles

4. 14 sq. feet

Page 86

1. 18 centimeters

2. 26 centimeters

3. 30 centimeters

4. Answers will vary.

5. Answers will vary.

Page 87

1. $x = 22$

2. $x = 32$

3. $x = 67$

4. $x = 87$

5. $x = 22$

6. $x = 98$

7. $x = 11$

8. $x = 30$

Page 88

1. $x = 7$

2. $x = 3$

3. $x = 2$

4. $x = 3$

5. $x = 10$

6. $x = 4$

7. $x = 2$

8. $x = 3$

9. $x = 4$

10. $x = 15$

Page 89

1. 7/8

2. 5/7

3. 7/10

4. 8/9

5. 11/12

6. 6/8

7. 1/3 + 1/3 = 2/3

Page 90

1. 24

2. 18

3. 35

4. 24

5. 45

6. 14

7. 8

8. 18

9. 24

10. 15

Page 91

1. 7/9

2. 13/21

3. 3/4

4. 49/60

5. 9/10

6. 4/5

Page 92

1. 2/3

2. 4/5

3. 1/2

4. 1/5

5. 1/3

6. 1/10

7. 1/5

8. 2/3

9. 2/5

Page 93

1. 1/8

2. 1/18

3. 13/42

4. 0

5. 2/60 = 1/30

6. 1/6

Page 94

1. 9.89

2. 6.0

3. 10.08

4. 8.7

5. 14.50