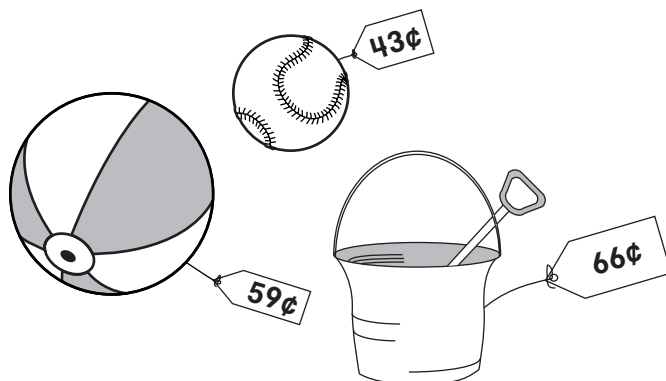


# Challenge

## Buying at the Beach

You need to know how much money you have before you can buy anything.



1. Miguel has 3 quarters. What is the most expensive toy he can buy? \_\_\_\_\_
2. Donna has 2 quarters. What toy can she buy? \_\_\_\_\_
3. Sandy wants milk and a tuna sandwich for lunch. She has 4 quarters. Does she have enough money? \_\_\_\_\_

Lunch Menu	
<u>Sandwiches</u>	<u>Drinks</u>
Peanut butter and jelly ..... 45¢	Juice ..... 25¢
Tuna ..... 55¢	Milk ..... 30¢

4. Fernanda wants a tuna sandwich and milk for lunch. What's the fewest number of coins she could pay with?  
\_\_\_\_\_

5. **Connect It** How much does Sam pay for a peanut butter and jelly sandwich and juice? \_\_\_\_\_

Sam has 2 quarters, 3 dimes, and 2 nickels.  
What coins could he use?

\_\_\_\_\_

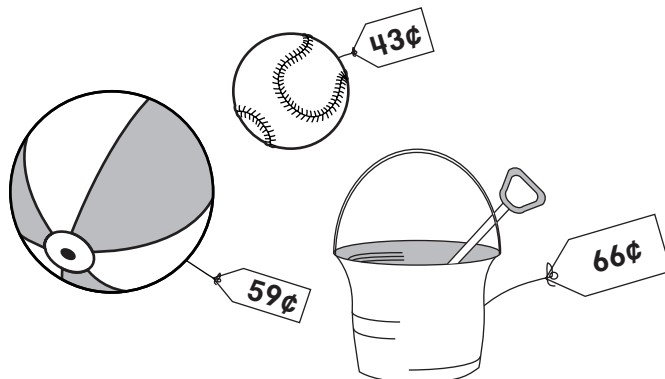
What coins are left? \_\_\_\_\_

Does he have enough money to buy milk? \_\_\_\_\_

# Challenge

## Buying at the Beach

You need to know how much money you have before you can buy anything.



1. Miguel has 3 quarters. What is the most expensive toy he can buy? the pail
2. Donna has 2 quarters. What toy can she buy? the baseball

3. Sandy wants milk and a tuna sandwich for lunch. She has 4 quarters. Does she have enough money? yes

Lunch Menu	
Sandwiches	Drinks
Peanut butter and jelly ..... 45¢	Juice ..... 25¢
Tuna ..... 55¢	Milk ..... 30¢

4. Fernanda wants a tuna sandwich and milk for lunch.

What's the fewest number of coins she could pay with?

4 coins: 3 quarters and 1 dime

5. **Connect It** How much does Sam pay for a peanut butter and jelly sandwich and juice? 70¢

Sam has 2 quarters, 3 dimes, and 2 nickels.

What coins could he use?

2 quarters and 2 dimes or 2 quarters, 1 dime, 2 nickels

What coins are left? 1 dime, 2 nickels, or 2 dimes

Does he have enough money to buy milk? no

# Challenge

## How Many Cents?

1 dollar = 100 cents



=



Write how many dollars.  
Count the dollars by hundreds.  
Write the value in cents.

1.



\_\_\_\_\_ dollars      \_\_\_\_\_ cents

2.



\_\_\_\_\_ dollars      \_\_\_\_\_ cents

3.



\_\_\_\_\_ dollars      \_\_\_\_\_ cents

4. **Extend It** If you have 600 cents,  
how many dollars do you have?

---

# Challenge

## How Many Cents?

1 dollar = 100 cents



=



Write how many dollars.  
Count the dollars by hundreds.  
Write the value in cents.

1.



5 dollars      500 cents

2.



3 dollars      300 cents

3.



9 dollars      900 cents

4. **Extend It** If you have 600 cents,  
how many dollars do you have?

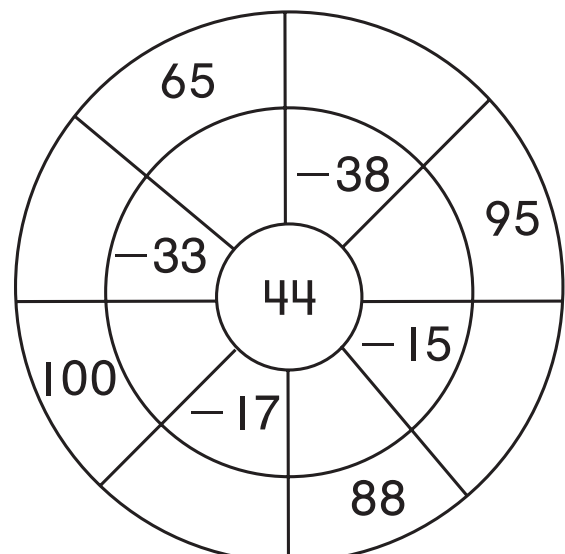
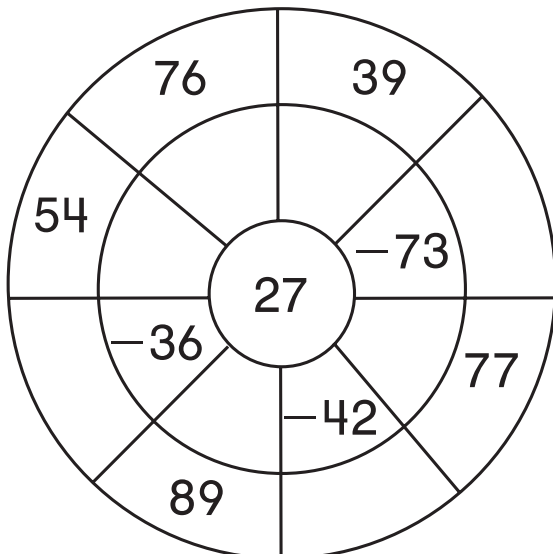
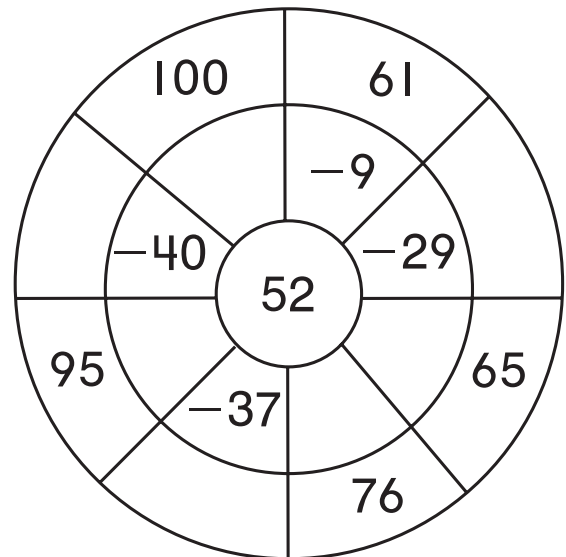
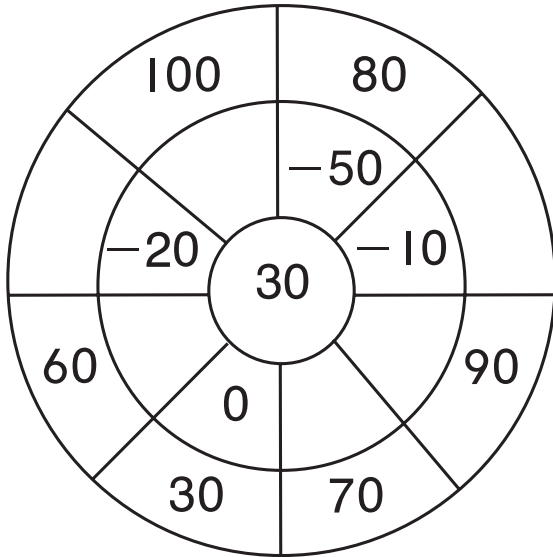
**6 dollars**

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# Challenge

## Numbers-Go-Round

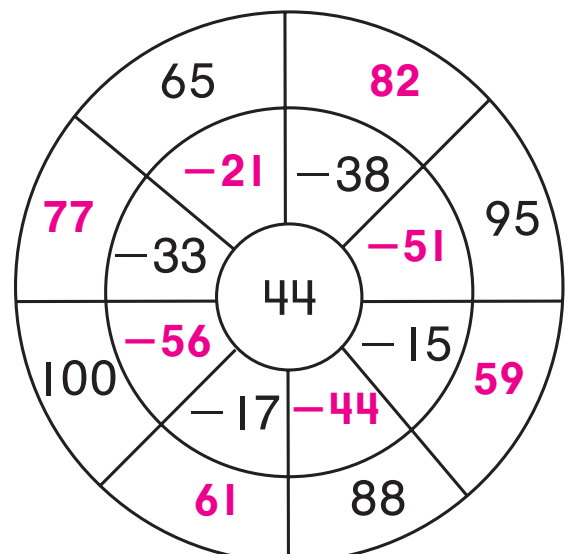
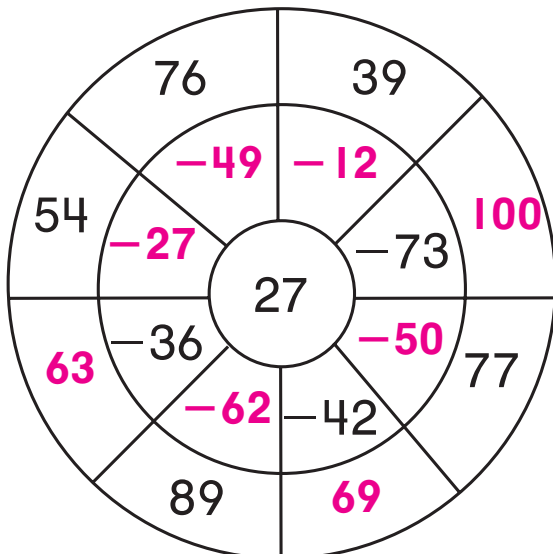
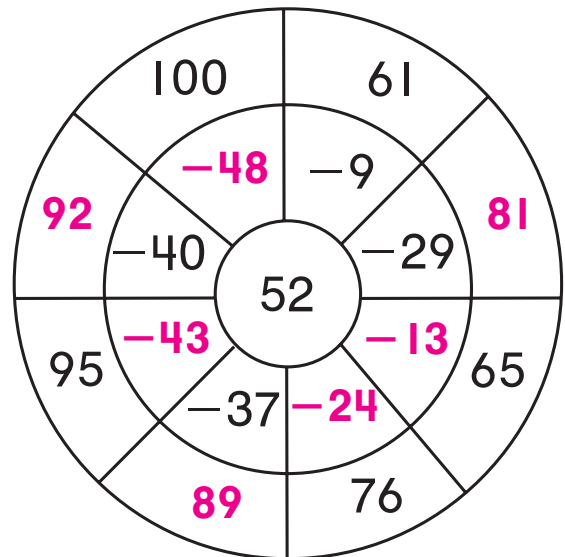
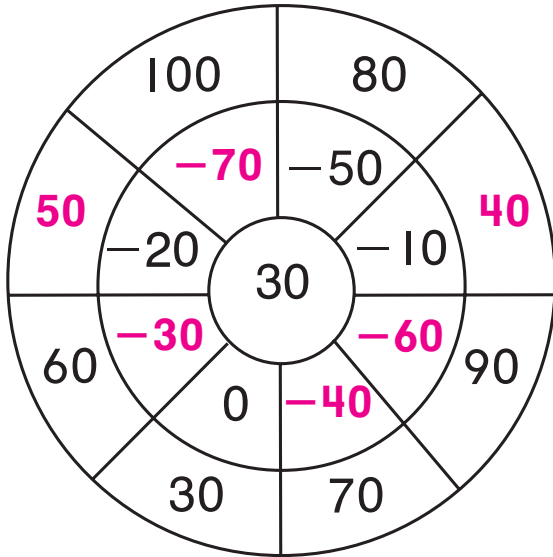
Write the missing partner or total for each section of the wheels.



# Challenge

## Numbers-Go-Round

Write the missing partner or total for each section of the wheels.



**Challenge****Subtract to Solve**

Write the subtraction to solve. Use any method.

Check by adding.

1. The gardener has 43 trees.

He plants 18 trees. How many trees does he have left to plant?

\_\_\_\_\_ trees

2. Dana has 71 beads for stringing.

She puts 49 beads onto a string. How many beads are left?

\_\_\_\_\_ beads

3. Ryan has 38 toy trains.

He has 9 blue trains. How many trains are not blue?

\_\_\_\_\_ trains

4. How do you know your answers are correct?

---

---

---

5. **You Decide** Joey solves this problem:

$42 - 19 = 33$ . Is his answer correct? Explain.

---

---

# Challenge

## Subtract to Solve

Write the subtraction to solve. Use any method.

Check by adding. **Methods may vary. Check children's work.**

**Sample methods shown.**

1. The gardener has 43 trees.

He plants 18 trees. How many trees does he have left to plant?

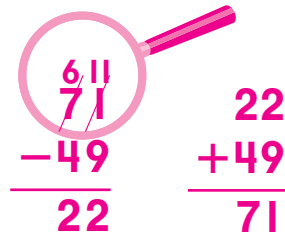
25 trees

$$\begin{array}{r} 43 = \overset{30}{\cancel{40}} + \overset{13}{\cancel{3}} \\ - 18 = \underline{10 + 8} \\ 20 + 5 = 25 \end{array}$$

$$\begin{array}{r} 25 = 20 + 5 \\ + 18 = \underline{10 + 8} \\ 30 + 13 = 43 \end{array}$$

2. Dana has 71 beads for stringing. She puts 49 beads onto a string. How many beads are left?

22 beads



$$\begin{array}{r} \overset{6,1}{\cancel{71}} \\ - 49 \\ \hline 22 \end{array} \qquad \begin{array}{r} 22 \\ + 49 \\ \hline 71 \end{array}$$

3. Ryan has 38 toy trains. He has 9 blue trains. How many trains are not blue?

29 trains

$$\begin{array}{r} 38 = \overset{20}{\cancel{30}} + \overset{18}{\cancel{8}} \\ - 9 = \underline{\quad 9} \\ 20 + 9 = 29 \end{array} \qquad \begin{array}{r} 29 \\ + 9 \\ \hline 38 \end{array}$$

4. How do you know your answers are correct?

**Answers may vary. Possible answer:** When I add the difference to the number I subtracted, I get the first number as my total.

5. **You Decide** Joey solves this problem:  $42 - 19 = 33$ . Is his answer correct? Explain.

**Possible answer:** No, Joey forgot to ungroup.

**The correct answer is 23.**

## Challenge

### What to Do Is Up to You

Solve the expressions in the box. If you need to ungroup to subtract, write the subtraction equation in the first column. If you do not need to ungroup to subtract, write the subtraction equation in the second column.

$24 - 19$	$46 - 28$	$74 - 48$
$54 - 27$	$93 - 16$	$67 - 33$
$35 - 13$	$85 - 58$	$98 - 88$
$88 - 37$	$53 - 48$	$63 - 22$
$79 - 25$	$87 - 35$	

Ungroup	Did Not Ungroup

**Write About It** How do the numbers in the ones place help you to decide whether or not you need to ungroup to subtract?

---



---

## Challenge

### What to Do Is Up to You

Solve the expressions in the box. If you need to ungroup to subtract, write the subtraction equation in the first column. If you do not need to ungroup to subtract, write the subtraction equation in the second column.

$24 - 19$	$46 - 28$	$74 - 48$
$54 - 27$	$93 - 16$	$67 - 33$
$35 - 13$	$85 - 58$	$98 - 88$
$88 - 37$	$53 - 48$	$63 - 22$
$79 - 25$	$87 - 35$	

Ungroup	Did Not Ungroup
$24 - 19 = 5$	$35 - 13 = 22$
$46 - 28 = 18$	$87 - 35 = 52$
$54 - 27 = 27$	$98 - 88 = 10$
$93 - 16 = 77$	$67 - 33 = 34$
$85 - 58 = 27$	$88 - 37 = 51$
$74 - 48 = 26$	$63 - 22 = 41$
$53 - 48 = 5$	$79 - 25 = 54$

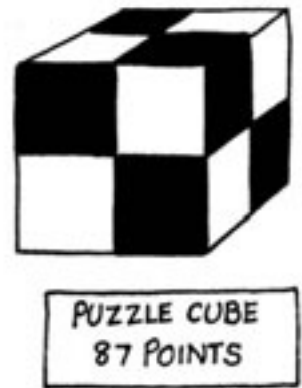
**Write About It** How do the numbers in the ones place help you to decide whether or not you need to ungroup to subtract?

**Possible answer:** If the top number in the ones place is smaller than the number below it, I need to ungroup.

## Challenge

### Trading Points for Prizes

Some friends win prize points at the fair. They trade their points for prizes. The table shows each friend's points and how many points were left after he or she picked a prize. Write the name of the prize that each child picked.



Friend	Points Won	Points Left	Prize
Alvin	67	19	
Miranda	92	13	
Vivek	87	58	
Mona	98	11	

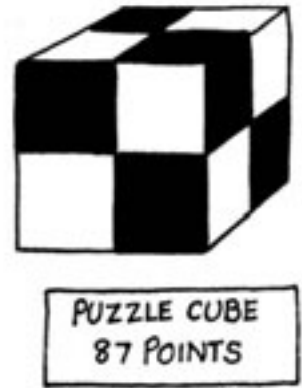
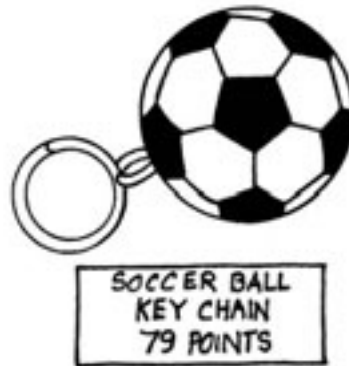
Which friend has enough points left to get another prize? What prize is it?

---

## Challenge

### Trading Points for Prizes

Some friends win prize points at the fair. They trade their points for prizes. The table shows each friend's points and how many points were left after he or she picked a prize. Write the name of the prize that each child picked.



Friend	Points Won	Points Left	Prize
Alvin	67	19	Jack-in-the-box
Miranda	92	13	Key chain
Vivek	87	58	Yo-yo
Mona	98	11	Puzzle cube

Which friend has enough points left to get another prize? What prize is it?

**Vivek; jack-in-the-box or 2 more yo-yos.**

## Challenge

### Disappearing Points

Four friends are playing a game.

Each player starts with 200 points.

After each round, players subtract the points they earn.

The player who has the lowest score after two rounds will win the game.

Player	Start	Round 1	New Score	Round 2	New Score
Max	200	32			
Hilda	200	68			
Horatio	200	54			
Karen	200	46			

1. Complete the table to find the players' new scores after round one.

2. Who has the lowest score after round one?

---

3. Which players have scores lower than Karen's?

---

4. Whose score is 8 points lower than Karen's?

---

5. **Extend It** Use the information below to fill in the rest of the table. Subtract to find each player's score in round two.

Hilda won the game with 88 points.

Horatio and Karen both finished 2 points higher than Hilda.

Max had 6 points more than Horatio and Karen.

## Challenge

### Disappearing Points

Four friends are playing a game.

Each player starts with 200 points.

After each round, players subtract the points they earn.

The player who has the lowest score after two rounds will win the game.

Player	Start	Round 1	New Score	Round 2	New Score
Max	200	32	168	72	96
Hilda	200	68	132	44	88
Horatio	200	54	146	56	90
Karen	200	46	154	64	90

1. Complete the table to find the players' new scores after round one.

2. Who has the lowest score after round one?

**Hilda**

---

3. Which players have scores lower than Karen's?

**Hilda and Horatio**

---

4. Whose score is 8 points lower than Karen's?

**Horatio's**

---

5. **Extend It** Use the information below to fill in the rest of the table. Subtract to find each player's score in round two.

Hilda won the game with 88 points.

Horatio and Karen both finished 2 points higher than Hilda.

Max had 6 points more than Horatio and Karen.

# Challenge

## Fix-It!

Each exercise below was solved incorrectly.  
 Rewrite the exercise and show the correct solution.  
 Ungroup when you need to.

**Incorrect**

**Correct**

$$\begin{array}{r}
 1 \quad 7 \\
 127 \\
 - 58 \\
 \hline
 79
 \end{array}$$

$$\begin{array}{r}
 1 \quad 3 \quad 5 \\
 \cancel{1}46 \\
 - 75 \\
 \hline
 60
 \end{array}$$

$$\begin{array}{r}
 131 \\
 - 29 \\
 \hline
 118
 \end{array}$$

$$\begin{array}{r}
 5 \quad 13 \\
 \cancel{1}63 \\
 - 44 \\
 \hline
 19
 \end{array}$$

$$\begin{array}{r}
 0 \quad 4 \quad 10 \\
 \cancel{1}50 \\
 - 62 \\
 \hline
 28
 \end{array}$$

# Challenge

## Fix-It!

Each exercise below was solved incorrectly.  
Rewrite the exercise and show the correct solution.  
Ungroup when you need to.

**Incorrect**

$$\begin{array}{r}
 \overset{1}{1}2\overset{7}{7} \\
 - 58 \\
 \hline
 79
 \end{array}$$

**Correct**

$$\begin{array}{r}
 \overset{0}{0}, \overset{11}{11}, \overset{17}{17} \\
 \cancel{1}2\cancel{7} \\
 - 58 \\
 \hline
 69
 \end{array}$$

$$\begin{array}{r}
 \overset{1}{1}\overset{3}{3}\overset{5}{5} \\
 \cancel{1}\cancel{4}\cancel{6} \\
 - 75 \\
 \hline
 60
 \end{array}$$

$$\begin{array}{r}
 \overset{0}{0}14 \\
 \cancel{1}\cancel{4}6 \\
 - 75 \\
 \hline
 71
 \end{array}$$

$$\begin{array}{r}
 131 \\
 - 29 \\
 \hline
 118
 \end{array}$$

$$\begin{array}{r}
 \overset{2}{2}11 \\
 \cancel{1}\cancel{3}1 \\
 - 29 \\
 \hline
 102
 \end{array}$$

$$\begin{array}{r}
 \overset{5}{5}\overset{13}{13} \\
 \cancel{1}\cancel{6}\cancel{3} \\
 - 44 \\
 \hline
 19
 \end{array}$$

$$\begin{array}{r}
 \overset{5}{5}13 \\
 \cancel{1}\cancel{6}\cancel{3} \\
 - 44 \\
 \hline
 119
 \end{array}$$

$$\begin{array}{r}
 \overset{0}{0}\overset{4}{4}\overset{10}{10} \\
 \cancel{1}\cancel{5}\cancel{0} \\
 - 62 \\
 \hline
 28
 \end{array}$$

$$\begin{array}{r}
 \overset{14}{14} \\
 \overset{0}{0}\overset{4}{4}\overset{10}{10} \\
 \cancel{1}\cancel{5}\cancel{0} \\
 - 62 \\
 \hline
 88
 \end{array}$$

# Challenge

## Color By Number

Find the differences.

Look at the chart.

Use the differences to fill in the colors and find the hidden picture.

68	green
34	orange
57	blue
73	yellow
49	red

108  
- 51

130  
- 73

110  
- 37

104  
- 47

106  
- 49

107  
- 58

150  
- 93

120  
- 71

120  
- 63

140  
- 91

103  
- 54

130  
- 62

140  
- 72

105  
- 48

120  
- 86

106  
- 38

104  
- 70

140  
- 83

109  
- 41

107  
- 34

140  
- 67

170  
- 97

101  
- 67

160  
- 92

109  
- 75

# Challenge

## Color By Number

Find the differences.

Look at the chart.

Use the differences to fill in the colors and find the hidden picture.

68	green
34	orange
57	blue
73	yellow
49	red

108  
- 51  
57 blue

130  
- 73  
57 blue

110  
- 37  
73 yellow

106  
- 49  
57 blue

104  
- 47  
57 blue

150  
- 93  
57 blue

120  
- 71  
49 red

107  
- 58  
49 red

120  
- 63  
57 blue

140  
- 91  
49 red

103  
- 54  
49 red

130  
- 62  
68 green

140  
- 72  
68 green

105  
- 48  
57 blue

120  
- 86  
34 orange

106  
- 38  
68 green

104  
- 70  
34 orange

109  
- 41  
68 green

107  
- 34  
73 yellow

140  
- 67  
73 yellow

170  
- 97  
73 yellow

101  
- 67  
34 orange

160  
- 92  
68 green

109  
- 75  
34 orange

# Challenge

## Paying the Exact Amount

1. This is Tina's money.  
How much money does she have?



\_\_\_\_\_ ¢

2. Tina needs the exact amount to buy a snack for  $35¢$ . What coins can she use?

\_\_\_\_\_

\_\_\_\_\_

3. How much money does Tina have left after she pays for the snack?

\_\_\_\_\_

4. Can Tina buy a  $49¢$  toy with the exact amount? Explain.

\_\_\_\_\_

\_\_\_\_\_

5. Kristen has a dollar bill, 2 quarters, and a dime.  
If she buys juice for  $65¢$  and an apple for  $20¢$ ,  
how much money will she have left?

\_\_\_\_\_

6. Josh has 6 dimes. Kerry has 6 nickels. They put their money together to buy a game. Can they buy a game for  $85¢$  with the exact amount? Explain.

\_\_\_\_\_

# Challenge

## Paying the Exact Amount

1. This is Tina's money.  
How much money does she have?



156 ¢

2. Tina needs the exact amount to buy a snack for 35¢. What coins can she use?

3 dimes, 1 nickel

or 2 dimes, 3 nickels

3. How much money does Tina have left after she pays for the snack?

121 ¢

4. Can Tina buy a 49¢ toy with the exact amount? Explain.

No. Tina needs to exchange 1 nickel for 5 pennies.

5. Kristen has a dollar bill, 2 quarters, and a dime.  
If she buys juice for 65¢ and an apple for 20¢,  
how much money will she have left?

75 ¢

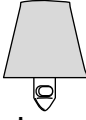




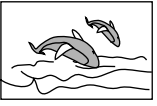
6. Josh has 6 dimes. Kerry has 6 nickels. They put their money together to buy a game. Can they buy a game for 85¢ with the exact amount? Explain.

Yes, they use 6 dimes and 5 nickels.

# Challenge

## Estimate to Redecorate

A children's furniture store is having a sale. The flyer shows some of the items on sale.

Night Light  \$28	Apron  \$12	Pillow  \$15
Basket  \$32	Clock  \$69	Poster  \$24

### Estimate to find the total.

- About how much will it cost to buy the pillow and the nightlight? \$ \_\_\_\_\_
- About how much will it cost to buy the clock and the poster? \$ \_\_\_\_\_
- About how much will it cost to buy the basket and the apron? \$ \_\_\_\_\_
- About how much will it cost to buy the nightlight and the poster? \$ \_\_\_\_\_
- Will it cost more to buy the clock and the apron or the clock and the pillow? How do you know?

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- Extend It** You have \$80 to spend. Estimate which items you could buy. Show your work on a separate sheet of paper.

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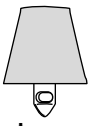




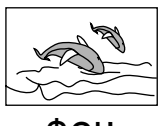


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## Challenge

### Estimate to Redecorate

A children's furniture store is having a sale. The flyer shows some of the items on sale.

Night Light  \$28	Apron  \$12	Pillow  \$15
Basket  \$32	Clock  \$69	Poster  \$24

### Estimate to find the total.

- About how much will it cost to buy the pillow and the nightlight? \$ 50
- About how much will it cost to buy the clock and the poster? \$ 90
- About how much will it cost to buy the basket and the apron? \$ 40
- About how much will it cost to buy the nightlight and the poster? \$ 50
- Will it cost more to buy the clock and the apron or the clock and the pillow? How do you know?

**It would cost more to buy the clock and the pillow.**

**$\$70 + \$10 = \$80$ ;  $\$70 + \$20 = \$90$ . Children should**

**have compared  $\$80$  and  $\$90$  to find that  $\$90 > \$80$ .**

- Extend It** You have  $\$80$  to spend. Estimate which items you could buy. Show your work on a separate sheet of paper. **Answers may vary.**

**Possible answer: night light, basket, and pillow.**

# Challenge

## Potato Match!

Complete the Math Mountains. Then match mountains that have the same totals. To answer the riddle, write the letter of the matching mountain above the exercise number below.

<p>1.</p> $\begin{array}{c} 67 \\ / \quad \backslash \\ 38 \quad \square \end{array}$	<p>2.</p> $\begin{array}{c} 142 \\ / \quad \backslash \\ 55 \quad \square \end{array}$	<p>3.</p> $\begin{array}{c} 115 \\ / \quad \backslash \\ \square \quad 87 \end{array}$	<p>4.</p> $\begin{array}{c} 197 \\ / \quad \backslash \\ 35 \quad \square \end{array}$
<p>D</p> $\begin{array}{c} \square \\ / \quad \backslash \\ 84 \quad 113 \end{array}$	<p>P</p> $\begin{array}{c} \square \\ / \quad \backslash \\ 45 \quad 22 \end{array}$	<p>E</p> $\begin{array}{c} \square \\ / \quad \backslash \\ 79 \quad 63 \end{array}$	<p>L</p> $\begin{array}{c} \square \\ / \quad \backslash \\ 53 \quad 62 \end{array}$

**Riddle:** Why are potatoes good detectives?

**Answer:**

They keep their eyes

\_\_\_\_\_

1

\_\_\_\_\_

2

\_\_\_\_\_

2

\_\_\_\_\_

3

\_\_\_\_\_

2

\_\_\_\_\_

4

# Challenge

## Potato Match!

Complete the Math Mountains. Then match mountains that have the same totals. To answer the riddle, write the letter of the matching mountain above the exercise number below.

<p>1.</p> $\begin{array}{c} 67 \\ / \quad \backslash \\ 38 \quad \boxed{29} \end{array}$	<p>2.</p> $\begin{array}{c} 142 \\ / \quad \backslash \\ 55 \quad \boxed{87} \end{array}$	<p>3.</p> $\begin{array}{c} 115 \\ / \quad \backslash \\ \boxed{28} \quad 87 \end{array}$	<p>4.</p> $\begin{array}{c} 197 \\ / \quad \backslash \\ 35 \quad \boxed{162} \end{array}$
<p>D</p> $\begin{array}{c} \boxed{197} \\ / \quad \backslash \\ 84 \quad 113 \end{array}$	<p>P</p> $\begin{array}{c} \boxed{67} \\ / \quad \backslash \\ 45 \quad 22 \end{array}$	<p>E</p> $\begin{array}{c} \boxed{142} \\ / \quad \backslash \\ 79 \quad 63 \end{array}$	<p>L</p> $\begin{array}{c} \boxed{115} \\ / \quad \backslash \\ 53 \quad 62 \end{array}$

**Riddle:** Why are potatoes good detectives?

**Answer:**

They keep their eyes

P

E

E

L

E

D

1

2

2

3

2

4

## Challenge

### How Much Taller?

Use the information in the table to answer the questions.

Landmark	Height (ft)
Victoria Falls	355
Stratosphere Giant (world's tallest tree)	370
Statue of Liberty	151
Great Pyramid of Giza	481
Eiffel Tower	986

- How much taller is the Stratosphere Giant than Victoria Falls? \_\_\_\_\_
- How much taller is the Eiffel Tower than the Great Pyramid? \_\_\_\_\_
- How much taller is the Great Pyramid than Victoria Falls? \_\_\_\_\_
- How much taller is the Stratosphere Giant than the Statue of Liberty? \_\_\_\_\_
- How much taller is the Eiffel Tower than the Statue of Liberty? \_\_\_\_\_
- Extend It** The tallest animal ever recorded was a giraffe from Kenya named George. He was 19 feet tall. How much taller are each of the landmarks in the table than George?

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## Challenge

### How Much Taller?

Use the information in the table to answer the questions.

Landmark	Height (ft)
Victoria Falls	355
Stratosphere Giant (world's tallest tree)	370
Statue of Liberty	151
Great Pyramid of Giza	481
Eiffel Tower	986

- How much taller is the Stratosphere Giant than Victoria Falls? 15 ft
- How much taller is the Eiffel Tower than the Great Pyramid? 505 ft
- How much taller is the Great Pyramid than Victoria Falls? 126 ft
- How much taller is the Stratosphere Giant than the Statue of Liberty? 219 ft
- How much taller is the Eiffel Tower than the Statue of Liberty? 835 ft
- Extend It** The tallest animal ever recorded was a giraffe from Kenya named George. He was 19 feet tall. How much taller are each of the landmarks in the table than George?

Victoria Falls: 336 ft taller; Stratosphere Giant, 351 ft

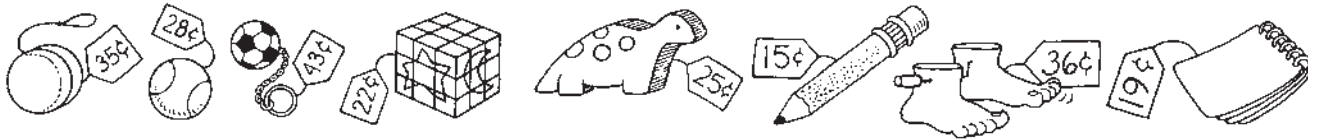
taller; Statue of Liberty, 132 ft taller; Great Pyramid,

462 ft taller; Eiffel Tower, 967 ft taller

# Challenge

## Toy Store

Terrific Toys is having a summer sale. The receipts show what each customer bought. Each customer paid with 200¢. Fill in the missing information on the receipts.



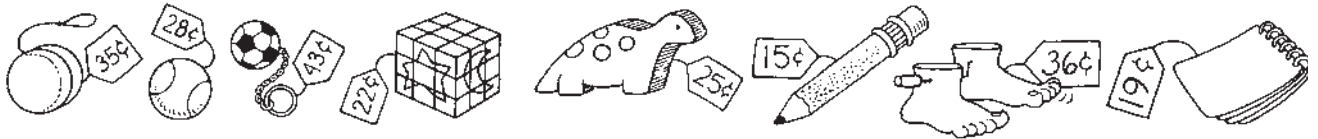
1. _____ 35¢	2. cube	<input type="text"/>
key chain 43¢	wind-up feet	<input type="text"/>
_____ 25¢	notebook	<input type="text"/>
total <input type="text"/>	total	<input type="text"/>
paid 200¢	paid 200¢	
change <input type="text"/>	change	<input type="text"/>
3. _____ <input type="text"/>	4. _____ <input type="text"/>	
_____ 35¢	_____ <input type="text"/>	
wind-up feet <input type="text"/>	_____ <input type="text"/>	
total 114¢	total 68¢	
paid 200¢	paid 200¢	
change <input type="text"/>	change	<input type="text"/>

5. **Extend It** Look at the last receipt. How many more dinosaurs could the customer buy with the change? \_\_\_\_\_

# Challenge

## Toy Store

Terrific Toys is having a summer sale. The receipts show what each customer bought. Each customer paid with 200¢. Fill in the missing information on the receipts.



1. <b>yo-yo</b> _____ 35¢	2. cube _____ 22¢
key chain _____ 43¢	wind-up feet _____ 36¢
<b>dinosaur</b> _____ 25¢	notebook _____ 19¢
total _____ <b>103¢</b>	total _____ <b>77¢</b>
paid _____ 200¢	paid _____ 200¢
change _____ <b>97¢</b>	change _____ <b>123¢</b>
3. <b>key chain</b> _____ <b>43¢</b>	4. <b>ball</b> _____ <b>28¢</b>
<b>yo-yo</b> _____ 35¢	<b>dinosaur</b> _____ <b>25¢</b>
wind-up feet _____ <b>36¢</b>	<b>pencil</b> _____ <b>15¢</b>
total _____ 114¢	total _____ 68¢
paid _____ 200¢	paid _____ 200¢
change _____ <b>86¢</b>	change _____ <b>132¢</b>

5. **Extend It** Look at the last receipt. How many more dinosaurs could the customer buy with the change? **5**

## Challenge

### Vacation Journal

Gerald went on vacation with his family. He wrote about it in his journal.

Fill in the blank spaces in Gerald's journal.

Show your work.

1. We traveled 62 miles on Friday.  
Then we stopped for dinner.

We traveled \_\_\_\_\_ more miles to get to our hotel. Dad said we drove 111 miles that day.

2. I collected \_\_\_\_\_ shells on the beach. I have 50 shells at home. When I add my new shells to my collection, I will have 86 shells!

3. We had enough film for 72 pictures.

We took \_\_\_\_\_ pictures. When we got home, we had enough film left for 17 pictures.

4. I bought 125 stickers. I will give 95 stickers to my friends. I am going to keep \_\_\_\_\_ of them.

5. We played a game in the car on the way home. I counted 57 license plates with the letter G. My brother Mike counted \_\_\_\_\_ license plates with the letter M. I counted 12 more license plates than Mike, so I won the game!

# Challenge

## Vacation Journal

Gerald went on vacation with his family. He wrote about it in his journal. **Solution methods may vary.**

Fill in the blank spaces in Gerald's journal.

Show your work.

1. We traveled 62 miles on Friday.

Then we stopped for dinner.

We traveled 49 more miles to get to our hotel. Dad said we drove 111 miles that day.

$$\begin{array}{r} 111 = 100 + 10 + 11 \\ - 62 = \phantom{100} + 60 + 2 \\ \hline \phantom{111} = \phantom{100} + 40 + 9 = 49 \end{array}$$

2. I collected 36 shells on the beach. I have 50 shells at home.

When I add my new shells to my collection, I will have 86 shells!

$$86 - 50 = 36$$

3. We had enough film for 72 pictures.

We took 55 pictures. When we got home, we had enough film left for 17 pictures.

$$72 - 17 = 55$$

4. I bought 125 stickers. I will give 95 stickers to my friends. I am going to keep 30 of them.

$$\begin{array}{r} 012 \\ 125 \\ - 95 \\ \hline 30 \end{array}$$

5. We played a game in the car on the way home. I counted 57 license plates with the letter G. My brother Mike counted 45 license plates with the letter M. I counted 12 more license plates than Mike, so I won the game!



**Challenge****Read-a-Thon**

Mrs. Riley's class had a read-a-thon in March. Here are some of the results after two weeks. Solve the story problems to complete the table. Write an equation to solve.

Name	Number of Pages Read
Rafael	
Cynthia	
Kylie	156
Bruce	119
Kendra	

1. Kylie read 22 more pages than Cynthia. How many pages did Cynthia read?

\_\_\_\_\_

2. Rafael wants to read 33 more pages so that he will have the same total as Bruce. How many pages has Rafael read already?

\_\_\_\_\_

3. Kylie read 28 more pages than Kendra. How many pages did Kendra read?

\_\_\_\_\_

4. Bruce's goal is to read 200 pages by the end of the read-a-thon. How many more pages does he need to read?

\_\_\_\_\_

# Challenge

## Read-a-Thon

Equations may vary.

Mrs. Riley's class had a read-a-thon in March. Here are some of the results after two weeks. Solve the story problems to complete the table. Write an equation to solve.

Name	Number of Pages Read
Rafael	86
Cynthia	134
Kylie	156
Bruce	119
Kendra	128

1. Kylie read 22 more pages than Cynthia. How many pages did Cynthia read?

134 pages

$$22 + 134 = 156$$

2. Rafael wants to read 33 more pages so that he will have the same total as Bruce. How many pages has Rafael read already?

86 pages

$$33 + 86 = 119$$

3. Kylie read 28 more pages than Kendra. How many pages did Kendra read?

128 pages

$$28 + 128 = 156$$

4. Bruce's goal is to read 200 pages by the end of the read-a-thon. How many more pages does he need to read?

81 pages

$$119 + 81 = 200$$