

Third Grade Answer Key Unit 2: Addition & Subtraction

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Problem of the Day

Lesson 1

A Pretzel Factory sells pretzels in packs of 10. If the factory makes 65,000 pretzels, how many packs will need to be made? Solve and record your answer below.

Answer: 6,500

Lesson 2

What addition property is modeled below?

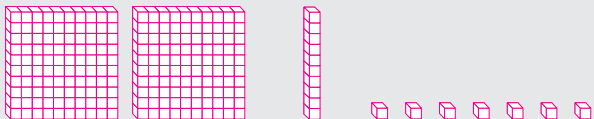
$$5 + (6 + 9) = (6 + 5) + 9$$

Answer: Associative Property

Lesson 3

Model the problem below by drawing Base Ten Blocks and solving for the sum.

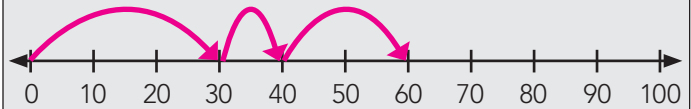
$$185 + 32 = \underline{217}$$



Lesson 4

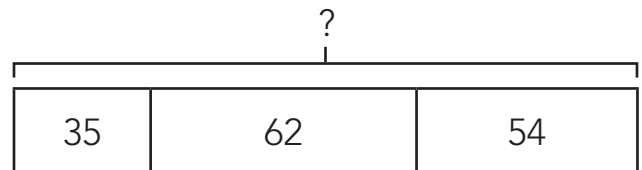
Model the problem below on the number line.

$$30 + 10 + 20 = \underline{60}$$



Lesson 5

Solve the strip diagram below.



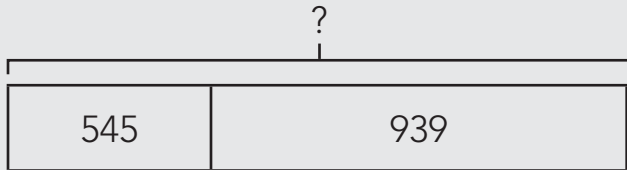
Solve and record your answer below.

Answer: 151

Problem of the Day

Lesson 6

Examine the strip diagram below and solve the problem.



Answer: 1,484

Lesson 7

Andy had 607 gumballs. If Mike has 299 more gumballs than Andy, how many gumballs does Mike have? Solve and record your answer below.

Answer: 906

Lesson 8

Scott scored 189 on his favorite arcade game. If Gina scored the same amount as Scott, how many points did they score in all? Solve and record your answer below.

Answer: 378

Lesson 9

Brigit has 453 roses planted in her backyard. Mia has 321 roses planted in her backyard. Which of the following show the best estimated sum of the number of roses planted in both backyards?

A. $450 + 330 = 780$

B. $450 - 320 = 130$

C. $450 + 320 = 770$

D. $450 - 330 = 120$

Explain why you chose that answer:

Sample answer: 453 rounds down to 450 and 321 rounds down to 320. When you add them together, you get 770 roses.

Lesson 10

Brandon went shopping at the mall with \$100. If Brandon finds a pair of pants for \$32, a shirt for \$15, and a pair of shoes for \$63, does he have enough money to buy all three items? Explain why or why not.

Sample answer: No, he does not have enough money to buy all three items. When you add the items together, their total cost is \$110. He needs \$10 to buy all three items.

Problem of the Day

Lesson 11

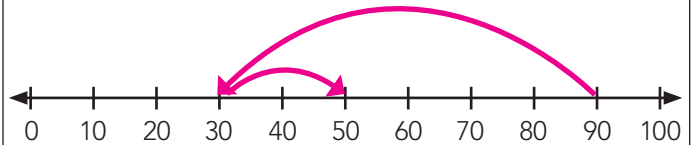
Mac made 50 cupcakes for a birthday party. If he made an additional 75 cupcakes, how many cupcakes has Mac made in all? Solve and record your answer below.

Answer: 125 cupcakes

Lesson 14

Model the problem below on the number line.

$$90 - 60 + 20 = \underline{50}$$



Lesson 12

Model the problem below by drawing Base Ten Blocks and solving for the difference

$$134 - 59 = \underline{75}$$

Lesson 15

Mindy had a box of bows in her closet.

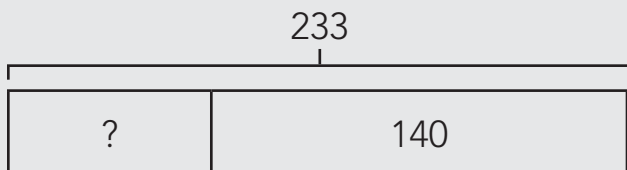
- She had 168 striped bows
- She had 205 polka dot bows
- She gave away 49 of her striped bows

Which equation can be used to show how many bows Mindy has now?

- A. $168 - 205 + 49$
- B. $168 - 49 + 205$**
- C. $49 - 205 - 168$
- D. $205 + 168 + 49$

Lesson 13

Solve the strip diagram below.



Solve and record your answer below.

Answer: 93

Problem of the Day

Lesson 16

Sandy went fishing over the summer and caught a total of 200 fish. If she put 154 of the fish back in the water, how many did she keep? Solve and record your answer below.

Answer: 46 fish

Lesson 17

Mr. Moody sold 451 fishing poles in the month of May. He sold 517 fishing poles in the month of June. What is the difference in the number of fishing poles Mr. Moody sold in June and May? Solve and record your answer below.

Answer: 66 fishing poles

Lesson 18

Which statement is true? Show your work to check each answer choice.

A. $451 - 345 = 106$

B. $566 + 566 = 1,122$

C. $621 - 599 = 32$

D. $725 + 175 = 800$

Lesson 19

Kaylee's Bakery sold the items below.

Items	# of Items
Cupcakes	145
Cakes	203
Cookies	545

How many more cupcakes and cookies were sold than cakes? Solve and record your answer below

Answer: 487

Lesson 20

Wendi went on a cross country road trip with her friend.

- In March they drove 738 miles.
- In April they drove 545 miles.
- In May they drove 919 miles.

How many miles did Wendi and her friend travel over all three months? Solve and record your answer below.

Answer: 2,202 miles

Pre-Assessment

For numbers 1–2, solve the two problems below.

$$\begin{array}{r} 1. \quad 679 \\ + 465 \\ \hline 1,144 \end{array}$$

$$\begin{array}{r} 2. \quad 900 \\ - 549 \\ \hline 451 \end{array}$$

Read each problem and solve.

3. Danny collected 130 sea shells on Monday, 202 on Tuesday, and 145 on Wednesday. How many sea shells did Danny collect in all? Solve the problem and write the answer below.

Answer: 477 sea shells

4. Heidi needs to file 168 pieces of paper. If she has already filed 97, how many papers does she have left to file?
- A. 131
B. 71
C. 81
D. 31
5. Blanket Mart has 100 blankets on their shelf on Monday. By Tuesday, the store only has 54 blankets remaining. How many blankets were sold?
- A. 46
B. 56
C. 44
D. 54

Properties of Addition

COMMUTATIVE PROPERTY

Numbers can be added in any order and the sum will be the same.

Examples:

IDENTITY PROPERTY

The addition of zero and any number is the original number.

Examples:

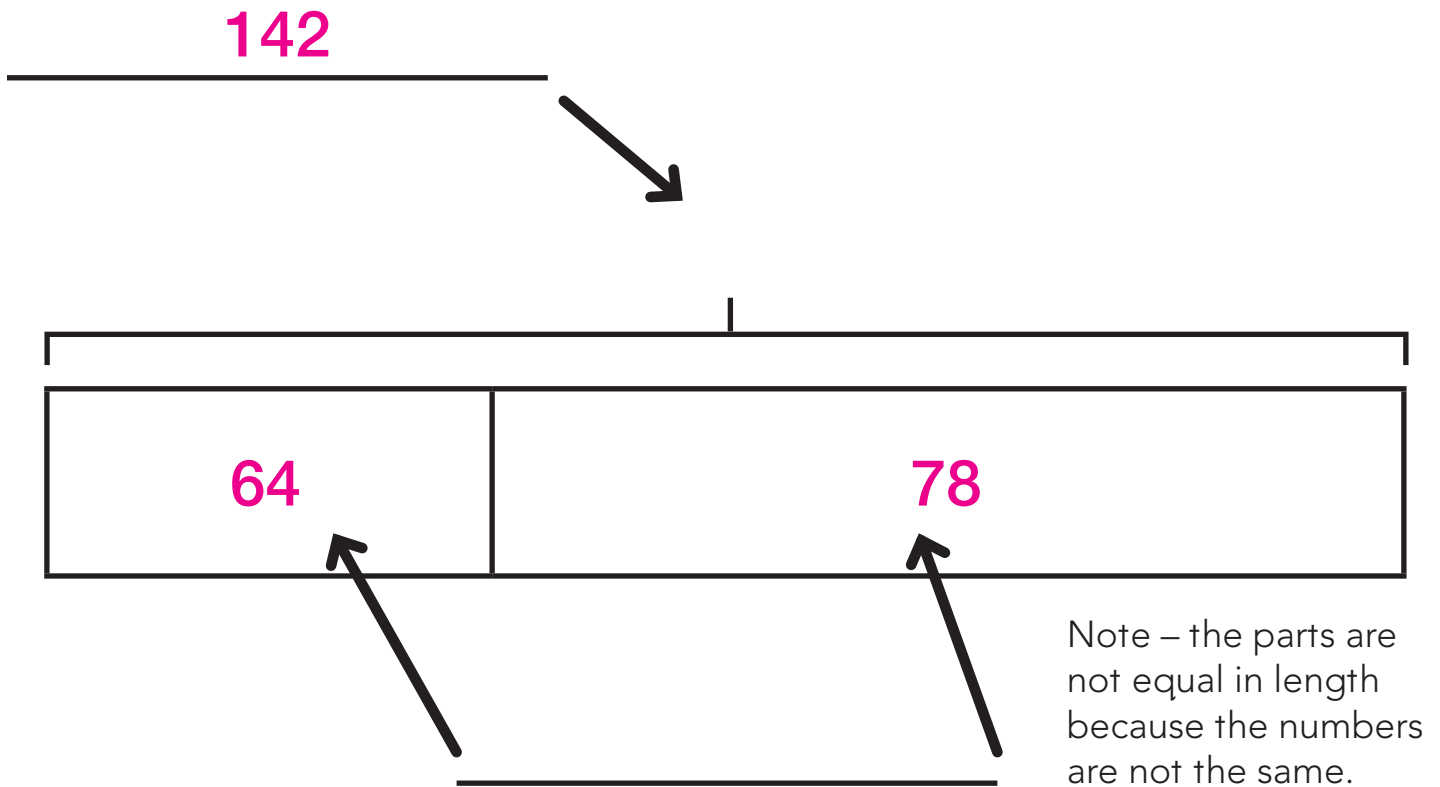
ASSOCIATIVE PROPERTY

Addends can be grouped in any order and the sum will be the same.

Examples:

Addition Strip Diagrams

Example Answer:



Example: Dianna has 64 lemons.
Mack has 78 lemons. How many
lemons do Dianna and Mack have in all?

Addition Quiz

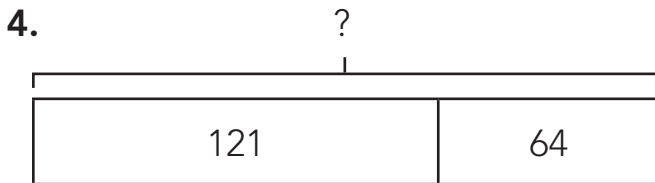
For numbers 1–3, solve the problems.

1.
$$\begin{array}{r} 809 \\ + 568 \\ \hline 1,377 \end{array}$$

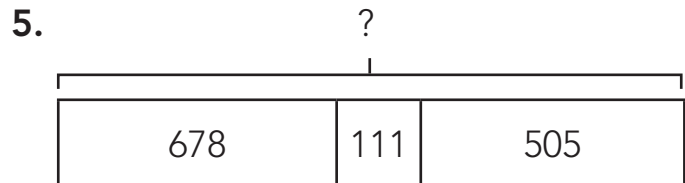
2.
$$\begin{array}{r} 10,456 \\ + 9,390 \\ \hline 19,846 \end{array}$$

3.
$$\begin{array}{r} 9,489 \\ + 9,359 \\ \hline 18,848 \end{array}$$

Solve the strip diagrams below.

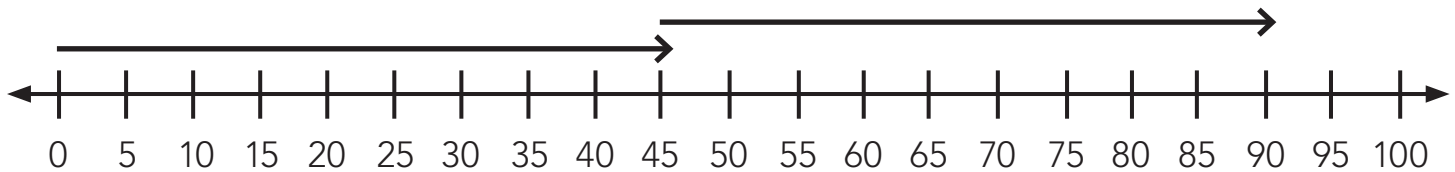


Answer: 185



Answer: 1,294

6. Examine the number line below. Write the equation and solve the problem.



Equation: $45 + 45 = 90$

Solve the problems below. Make sure to show your work and record your answers.

7. Jill baked 65 cupcakes. If Katie made 106 more cupcakes than Jill, how many cupcakes has Katie made?

Answer: 171 cupcakes

8. Fred and Michael went fishing. Fred caught 111 fish and Michael caught 89. How many fish were caught in all?

Answer: 200 fish

9. Sadie collected 132 paperclips on Monday, 200 on Tuesday, and 177 on Wednesday. How many paperclips did Sadie collect on Monday and Tuesday?

Answer: 332 paperclips

10. Estimate the sum of $873 + 590$.

Answer: 1,460

Rules of Subtraction

Utilize these rules to solve subtraction problems.

SUBTRACTION OF ZERO

Any **number** subtracted by the number **zero** will be the same number.

Examples:

Same examples:

$$18 - 0 = 18$$

$$567 - 0 = 567$$

SUBTRACTION OF THE SAME NUMBER

A **number** is subtracted by itself, equaling **zero**.

Examples:

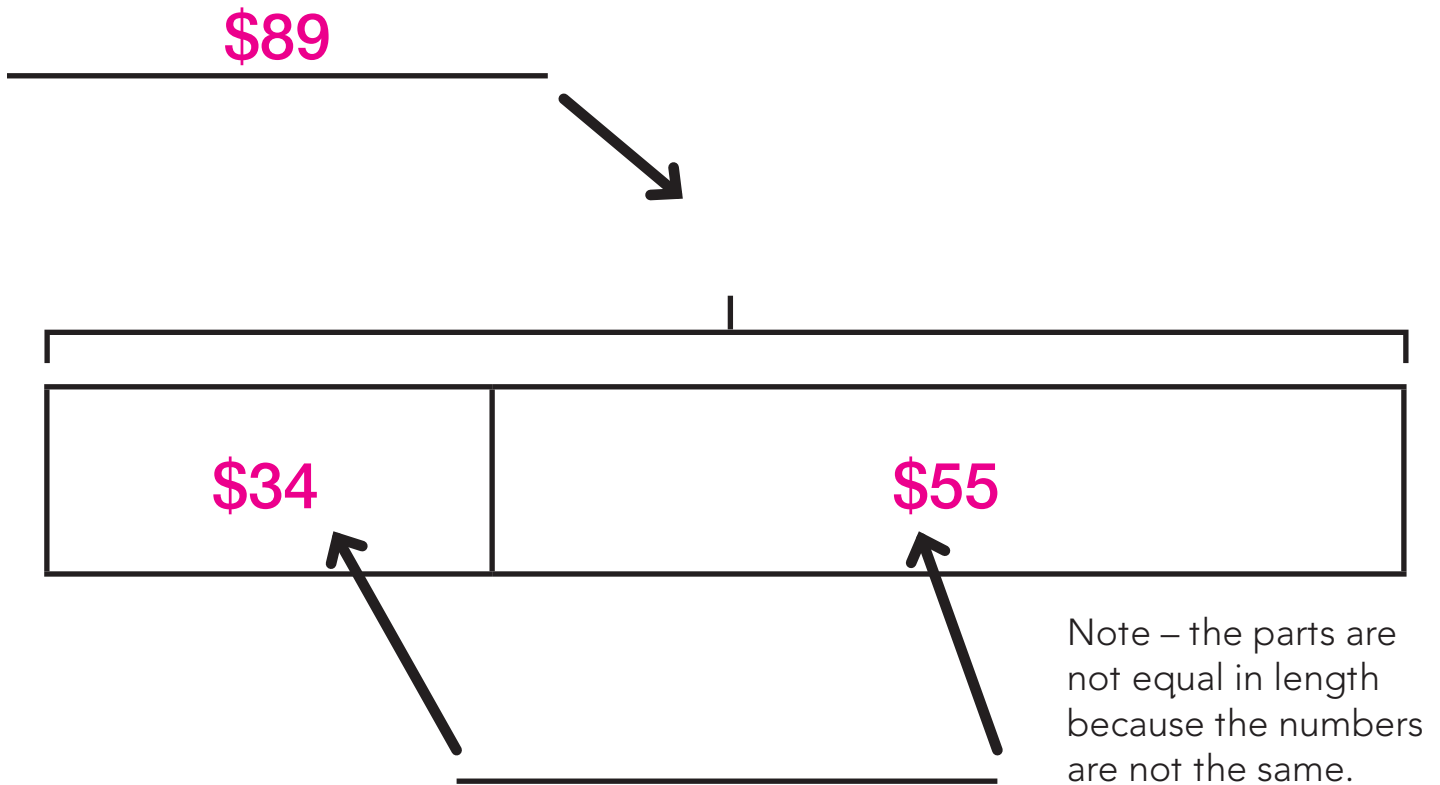
Same examples:

$$77 - 77 = 0$$

$$299 - 299 = 0$$

Subtraction Strip Diagrams

Example Answer:



Example: Frankie spent \$89 on a shopping trip.
If he bought a pair of shoes for \$55,
how much money did he spend on a shirt?

Subtraction Quiz

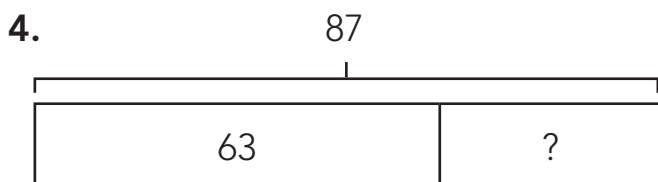
For numbers 1–3, solve the problems.

$$\begin{array}{r} 1. \quad 703 \\ - 566 \\ \hline 137 \end{array}$$

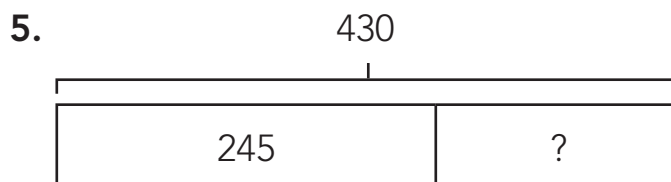
$$\begin{array}{r} 2. \quad 5,000 \\ - 2,882 \\ \hline 2,120 \end{array}$$

$$\begin{array}{r} 3. \quad 9,024 \\ - 6,705 \\ \hline 2,319 \end{array}$$

Solve the strip diagrams below.



Answer: 24



Answer: 185

6. Examine the number line below. Write the equation and solve the problem.



Equation: $100 - 45 = 55$

Solve the problems below. Make sure to show your work and record your answers.

7. Blaire needs to make 150 cookies for the bake sale. She already made 75 cookies. How many more cookies does Blaire need to make?

Answer: 75 cookies

8. Cody and Brandon collected 500 sea shells last weekend. If Cody collected 299 of the sea shells, how many did Brandon collect?

Answer: 201 sea shells

9. A squirrel collected 111 acorns on Monday and 65 on Tuesday. How many more acorns did the squirrel collect on Monday than Tuesday?

Answer: 46 acorns

10. Estimate the difference of $932 - 491$.

Answer: 440

Identify when to Add or Subtract

Read the word problems below. Dissect the problem by showing your strategies and recording your thinking in each box.

Robert and Dylan collect baseball cards. Robert has 329 baseball cards and Dylan has 286 baseball cards. How many baseball cards do the boys have in all?

QUESTION:

What are you being asked to solve?

The total amount of baseball cards.

INFORMATION:

What important information will help you solve?

The number of baseball cards each child has.

CLUE WORDS:

What clue words help you determine the correct operation?

how many, all

OPERATION:

What operation will you use to solve this problem?
Think: is the total amount known or are only the parts?

addition

EQUATION:

Write an equation to help you solve the problem.

$$329 + 286 = ?$$

SOLVE:

Solve the word problem by showing your work.

615 baseball cards

Maggie won 519 tickets playing arcade games. Natalie won 476 tickets.
How many more tickets did Maggie win than Natalie?

QUESTION:

What are you being asked to solve?

How many more tickets Maggie won.

INFORMATION:

What important information will help you solve?

The number of tickets each child has.

CLUE WORDS:

What clue words help you determine the correct operation?

how many more

OPERATION:

What operation will you use to solve this problem?
Think: is the total amount known or are only the parts?

subtraction

EQUATION:

Write an equation to help you solve the problem.

$$519 - 476 = ?$$

SOLVE:

Solve the word problem by showing your work.

43

Identify when to Add or Subtract Cont'd

Read the word problems below. Dissect the problem by showing your strategies and recording your thinking in each box.

Hank and Misty planted 800 flowers in the month of April.
If Hank planted 278 flowers, how many flowers did Misty plant?

QUESTION:

What are you being asked to solve?

How many flowers Misty planted.

INFORMATION:

What important information will help you solve?

The number of flowers planted.

CLUE WORDS:

What clue words help you determine the correct operation?

how many did Misty plant

OPERATION:

What operation will you use to solve this problem?
Think: is the total amount known or are only the parts?

subtraction

EQUATION:

Write an equation to help you solve the problem.

$$800 - 278 = ?$$

SOLVE:

Solve the word problem by showing your work.

522 flowers

Kevin and Cody started a lawn mowing business. If Kevin earned \$165 and Cody earned \$205 dollars, how much money did the boys earn in all?

QUESTION:

What are you being asked to solve?

How much money the boys earned.

INFORMATION:

What important information will help you solve?

The amount of money each child earned.

CLUE WORDS:

What clue words help you determine the correct operation?

how many, all

OPERATION:

What operation will you use to solve this problem?
Think: is the total amount known or are only the parts?

addition

EQUATION:

Write an equation to help you solve the problem.

$$\$165 + \$205 = ?$$

SOLVE:

Solve the word problem by showing your work.

\$370

Identify when to Add or Subtract Quiz

Read each problem below. Determine whether you need to add or subtract, then solve.

On Friday, Gail worked with her dad to plant 18 bushes in their yard. On Saturday, Gail and her dad planted 21 bushes and another 6 bushes on Sunday. How many bushes did Gail and her dad plant in all?

Answer: 46 bushes

Lilly and Sarah have 56 shirts combined in their closets. If Lilly has 34 shirts in her own closet, how many shirts does Sarah have?

Answer: 22 shirts

Jake and Tammy took pictures on their family vacation to the mountains. Jake took 296 pictures and Tammy took 89 pictures. How many pictures did the two kids take combined?

Answer: 385 pictures

Trevor and Denise went to the arcade to play games. Trevor won 643 tickets and Denise won 497. How many more tickets did Trevor win than Denise?

Answer: 146 tickets

Assessment

For numbers 1–4, solve the problems below.

$$\begin{array}{r} 1. \quad 679 \\ - 465 \\ \hline 214 \end{array}$$

$$\begin{array}{r} 2. \quad 900 \\ - 549 \\ \hline 451 \end{array}$$

$$\begin{array}{r} 3. \quad 4,935 \\ - 1,487 \\ \hline 3,448 \end{array}$$

$$\begin{array}{r} 4. \quad 8,532 \\ - 4,987 \\ \hline 3,545 \end{array}$$

Read each problem below and solve.

5. Denise modeled the addition property below.

$$0 + 21 = \square$$

Write the missing number: 21

6. Michael collected 458 shells on the beach and Mark collected 399. About how many shells do the two boys have in all?

A. 800

B. 860

C. 850

D. 870

7. Christopher read for 300 hours over the summer. Shelby read for 176 hours. How many more hours did Christopher read than Shelby? Show your work and record your answer below.

Answer: 124 hours

8. Becca sold 805 boxes of Girl Scout Cookies. If Rita sold 279 less than Becca, how many boxes of Girl Scout Cookies did Rita sell?

Answer: 526 boxes of Girl Scout Cookies

Read each problem below and solve.

9. The Kingsville High School baseball team raised \$466 during a fundraiser. The softball team worked for 76 hours and raised \$599 dollars. How much money did the two teams raise? Show your work and record your answer below.

Answer: \$1,065

10. Terry had two boxes of bows.
- She had 54 polka dot bows in the first box.
 - She had 38 striped bows in the second box.
 - She gave 15 polka dot bows to her cousin.

Which number sentence shows the number of bows that Terry had left in her two boxes?

A. $54 + 38 + 15 = ?$

B. $54 - 38 - 15 = ?$

C. $54 + 38 - 15 = ?$

D. $54 - 38 + 15 = ?$

11. Marty started with \$200 in her bank account. She put \$192 dollars into her account one week and \$89 the next week. How much money does Marty have in her bank account now? Show your work and record your answer in the blank below.

Answer: \$481

12. Walter's bakery made 125 cupcakes on Monday and 300 cupcakes on Tuesday. What is the difference between the number of cupcakes made on these two day? Show your work and record your answer below.

Answer: 275 cupcakes

Read each problem below and solve.

13. Carol hung three paintings on her wall.
- The first painting was 24 inches long.
 - The second painting was 64 inches long.
 - The third painting was 24 inches long

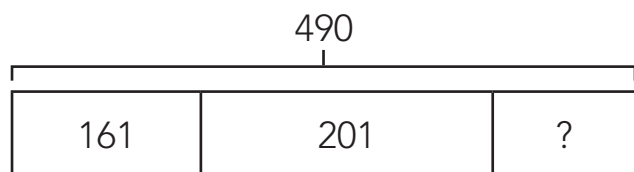
What is the best estimate for the total length of all three paintings?

- A. 80 inches
B. 90 inches
C. 100 inches
D. 110 inches

14. Kendal planted 309 seeds on Monday, 155 on Tuesday, and 252 on Wednesday. How many more seeds did Kendal plant on Tuesday and Wednesday than on Monday? Show your work and record your answer below.

Answer: 98 seeds

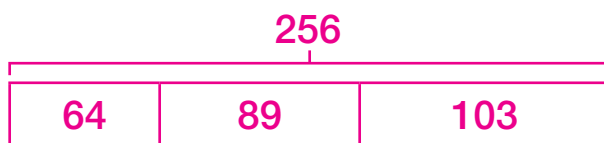
15. Megan took a survey of eye color at her school. Megan surveyed 490 students. 161 of the students have blue eyes, 201 have brown eyes.



Which equation could be used to find how many students have green eyes?

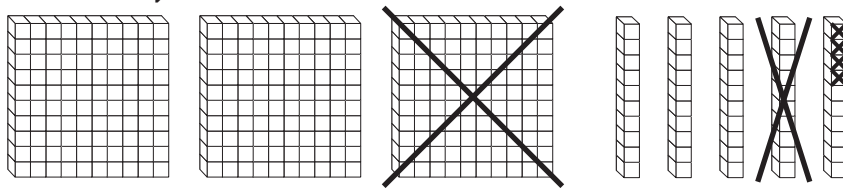
- A. $490 + 161 + 201 = ?$
B. $490 - (161 + 201) = ?$
C. $490 + (161 - 201) = ?$
D. $201 - 161 + 490 = ?$

16. Draw a strip diagram to model the equation $64 + 89 + 103 = ?$. Then solve for the sum.



Read each problem below and solve.

17. Wendy used place value blocks to model the problem below.
Which equation shows what she modeled?



- A. $350 + 114$
- B. $340 + 115$
- C. $340 - 115$
- D. $350 - 114$**

18. Sadie's Snow Cone Shop has three flavors to choose from at their store.
Below is the number of people that ordered each flavor last week.

- 315 strawberry
- 260 lime
- 199 grape

Which expression shows the best way to estimate the difference in the number of strawberry and grape snow cones that were sold?

- A. $300 - 190$
- B. $300 + 190$
- C. $300 - 200$**
- D. $310 + 200$

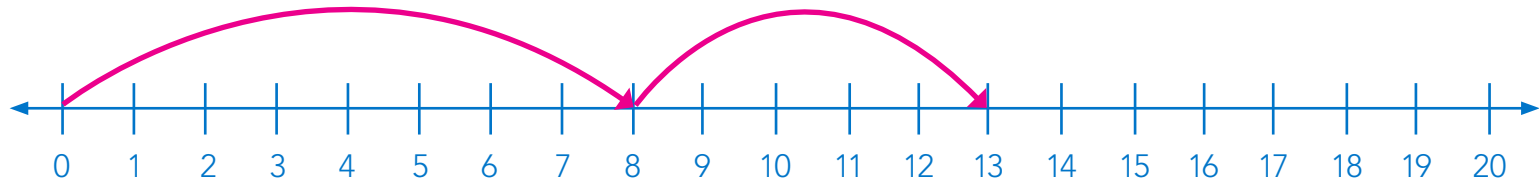
19. Randi and Adrian have 45 shirts in their closets. If Adrian has 19 shirts, how many shirts does Randi have? Show your work and record your answer below.

Answer: 26 shirts

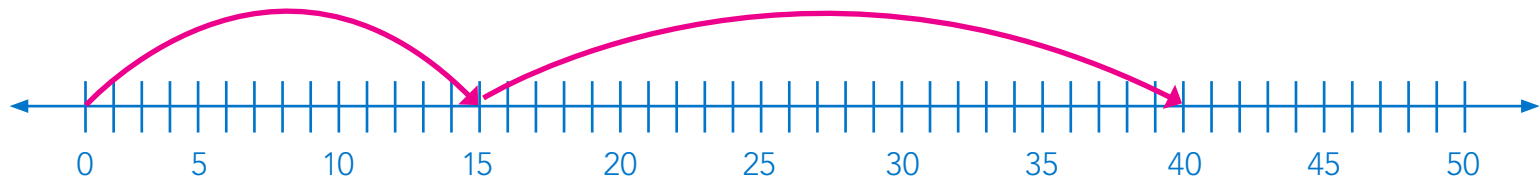
20. Estimate the sum of $547 + 298$. Show your work and record your answer below.

Answer: 850

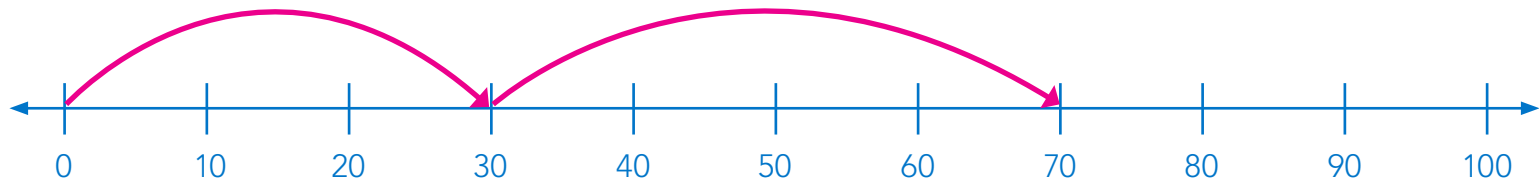
Model $8 + 5 = \underline{13}$



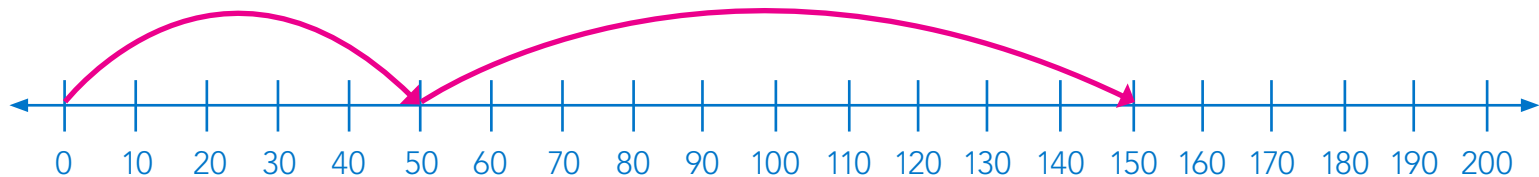
Model $15 + 25 = \underline{40}$



Model $30 + 40 = \underline{70}$



Model $50 + 100 = \underline{150}$



$$\begin{array}{r} 709 \\ + 467 \\ \hline 1,176 \end{array}$$

$$\begin{array}{r} 190 \\ + 183 \\ \hline 373 \end{array}$$

$$\begin{array}{r} 888 \\ + 323 \\ \hline 1,211 \end{array}$$

$$\begin{array}{r} 444 \\ + 95 \\ \hline 539 \end{array}$$

$$\begin{array}{r} 189 \\ + 107 \\ \hline 296 \end{array}$$

$$\begin{array}{r} 767 \\ + 280 \\ \hline 1,047 \end{array}$$

$$\begin{array}{r} 445 \\ + 259 \\ \hline 704 \end{array}$$

$$\begin{array}{r} 909 \\ + 89 \\ \hline 998 \end{array}$$

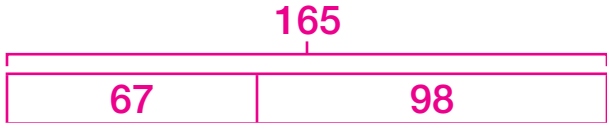
$$\begin{array}{r} 932 \\ + 573 \\ \hline 1,505 \end{array}$$

$$\begin{array}{r} 824 \\ + 269 \\ \hline 1,093 \end{array}$$

$$\begin{array}{r} 584 \\ + 606 \\ \hline 1,109 \end{array}$$

$$\begin{array}{r} 1,904 \\ + 345 \\ \hline 2,249 \end{array}$$

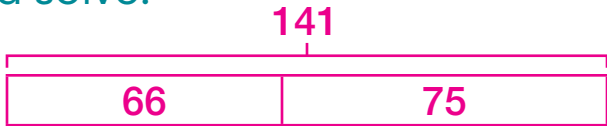
Draw a strip diagram to model the problem $67 + 98 = \underline{\hspace{2cm}}$ and solve.



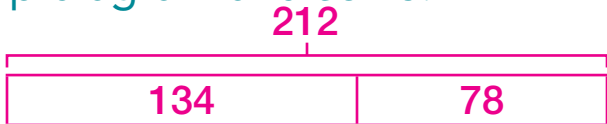
Draw a strip diagram to model the problem $121 + 345 = \underline{\hspace{2cm}}$ and solve.



Allison ate 66 chips in one sitting. The next day, she ate another 75 chips. How many chips did Allison eat in all? Create a strip diagram and solve.



Randi collects 134 baseball cards. Mitch has 78 more baseball cards than Randi. How many baseball cards does Mitch have? Create a strip diagram and solve.



Roger found 600 acorns outside, and Trey found 455. How many acorns were found by both boys? Create a strip diagram and solve.



Molly found 54 seashells on Monday, 69 on Tuesday, and 104 on Wednesday. How many total seashells did Molly find? Create a strip diagram and solve.



Vicky worked 50 hours in the month of September and earned \$235. She worked 75 hours in October and earned \$310. How much money did Vicky earn in September and October?

Answer: \$545

Ben works at Ice Land Ice Cream and tallies the number of each flavor of ice cream that is sold each day. On Saturday, the following flavors were sold:

- 305 chocolate
- 295 vanilla
- 128 strawberry

Which expression shows the best way to estimate the sum of strawberry and vanilla flavors that were sold?

A. $310 + 300$

B. $300 + 300$

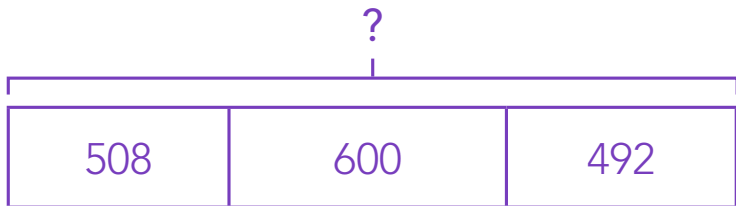
C. $300 + 100$

D. $300 + 130$

Dean collected 660 shells on the beach. James collected 829 shells and Michael collected 499 shells. How many shells did Dean and Michael collect on the beach?

Answer: 1,159 shells

Solve the strip diagram below.



Answer: 1,600

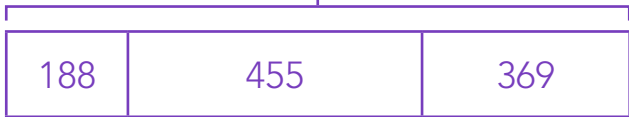
Mrs. Treedy had to make 99 copies of next week's math homework, 99 copies of a practice page, and 99 copies of the next week's test. How many copies did Mrs. Treedy need to make?

297 copies

Solve the strip diagram below.

1,012

?



Solve the problem $11,345 + 52,009 = ?$

63,354

Which problem is solved correctly?

A. $1,234 + 9,876 = 11,111$

B. $4,567 + 8,745 = 13,313$

C. $6,783 + 4,440 = 11,322$

D. $3,399 + 9,994 = 13,393$

Mindy went shopping for a new outfit. She spent \$39 on a shirt, \$60 on pants, \$18 on a scarf, and \$76 on shoes. How much money did Mindy spend in all?

\$193

Xavier earned \$245 on Saturday for mowing lawns and \$177 on Sunday for mowing lawns. How much money did Xavier earn in all?

\$422

Model $18 - 6 = \underline{12}$



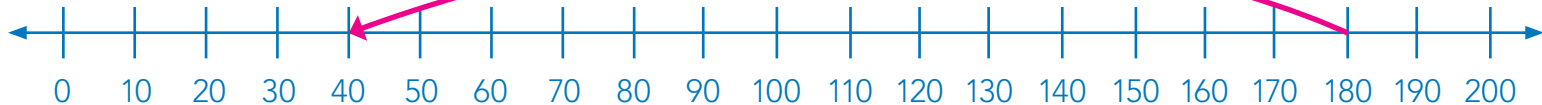
Model $45 - 13 = \underline{32}$



Model $90 - 60 = \underline{\quad 30 \quad}$



Model $180 - 140 = \underline{\quad 40 \quad}$



$$\begin{array}{r} 756 \\ - 324 \\ \hline 432 \end{array}$$

$$\begin{array}{r} 198 \\ - 87 \\ \hline 111 \end{array}$$

$$\begin{array}{r} 562 \\ - 223 \\ \hline 339 \end{array}$$

$$\begin{array}{r} 872 \\ - 109 \\ \hline 763 \end{array}$$

$$\begin{array}{r} 189 \\ - 107 \\ \hline 82 \end{array}$$

$$\begin{array}{r} 904 \\ - 700 \\ \hline 204 \end{array}$$

$$\begin{array}{r} 544 \\ - 294 \\ \hline 250 \end{array}$$

$$\begin{array}{r} 983 \\ - 566 \\ \hline 417 \end{array}$$

$$\begin{array}{r} 727 \\ - 533 \\ \hline 194 \end{array}$$

$$\begin{array}{r} 603 \\ - 500 \\ \hline 103 \end{array}$$

$$\begin{array}{r} 729 \\ - 484 \\ \hline 245 \end{array}$$

$$\begin{array}{r} 3,876 \\ - 1,232 \\ \hline 2,644 \end{array}$$

$$\begin{array}{r} 900 \\ - 433 \\ \hline 467 \end{array}$$

$$\begin{array}{r} 700 \\ - 676 \\ \hline 24 \end{array}$$

$$\begin{array}{r} 400 \\ - 202 \\ \hline 198 \end{array}$$

$$\begin{array}{r} 500 \\ - 409 \\ \hline 91 \end{array}$$

$$\begin{array}{r} 800 \\ - 605 \\ \hline 195 \end{array}$$

$$\begin{array}{r} 600 \\ - 488 \\ \hline 122 \end{array}$$

$$\begin{array}{r} 300 \\ - 233 \\ \hline 67 \end{array}$$

$$\begin{array}{r} 600 \\ - 445 \\ \hline 155 \end{array}$$

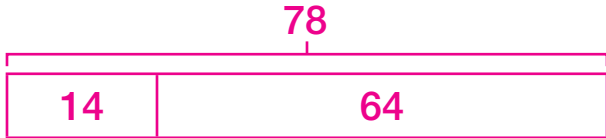
$$\begin{array}{r} 1,000 \\ - 789 \\ \hline 211 \end{array}$$

$$\begin{array}{r} 2,000 \\ - \quad 676 \\ \hline 1,324 \end{array}$$

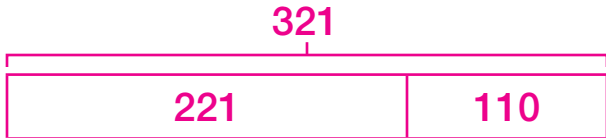
$$\begin{array}{r} 4,000 \\ - \quad 555 \\ \hline 3,445 \end{array}$$

$$\begin{array}{r} 3,000 \\ - 1,888 \\ \hline 1,112 \end{array}$$

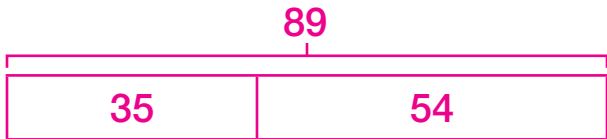
Draw a strip diagram to model the problem $78 - 64 = \underline{\hspace{1cm}}$ and solve.



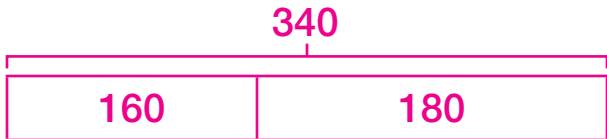
Draw a strip diagram to model the problem $321 - 110 = \underline{\hspace{1cm}}$ and solve.



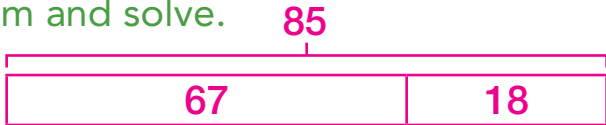
Jimmy found 89 crickets outside. If 35 of the crickets were in his back yard, how many were in his front yard? Create a strip diagram and solve.



Abby planted 340 bushes. If she planted 160 bushes on Saturday, how many bushes did she plant on Sunday? Create a strip diagram and solve.



Blanca designed 85 bows for her school's play. Some were polka-dotted and some were solid-colored. If 67 of the bows were polka-dotted, how many of the bows are solid-colored? Create a strip diagram and solve.



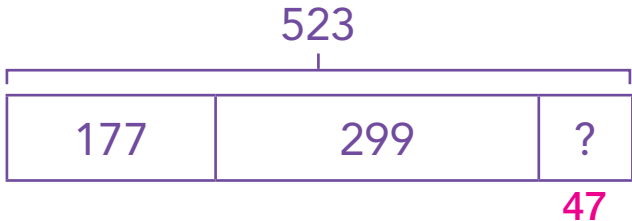
Robert spent \$32 on two shirts. If one shirt was \$16, how much was the second shirt? Create a strip diagram and solve.



Mandy has 600 cookies to make for the school bake sale. If she has already made 475 cookies, how many cookies does Mandy have left to make?

125 cookies

Solve the strip diagram below.



Solve the problem $1,000 - 864 = ?$

136

Which problem is solved correctly?

A. $566 - 299 = 266$

B. $875 - 342 = 530$

C. $909 - 782 = 127$

D. $878 - 456 = 424$

Trey went shopping with \$300. If he spent \$49 on a shirt, \$125 on a jacket, and \$56 on pair of pants, how much money does Trey have left?

\$70

Rita stocked the Baby's Boutique Shop shelf with 200 blankets. If 45 blankets were sold on Monday and 103 blankets on Tuesday, how many blankets remain on the shelf?

52 blankets

Janice planted 400 flowers on Friday, 125 on Saturday, and 309 on Sunday. How many more flowers did Janice plant on Friday and Saturday than on Sunday? Show your work and record your answer in the blank below.

Answer: 216 flowers

Sadie walked 14,909 steps on Wednesday.
Mark walked 11,475 steps on Wednesday.
How many more steps did Sadie walk than Mark?

A. 4,434

B. 4,343

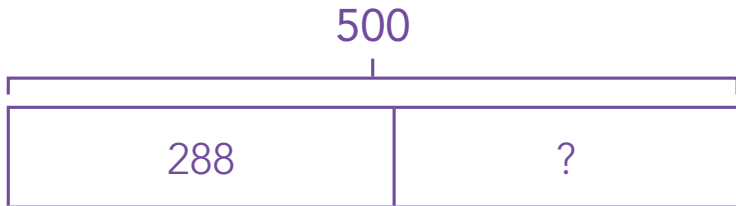
C. 3,343

D. 3,434

Christopher read for 300 hours over the summer. Shelby read for 176 hours. How many more hours did Christopher read than Shelby? Show your work and record your answer in the blank below.

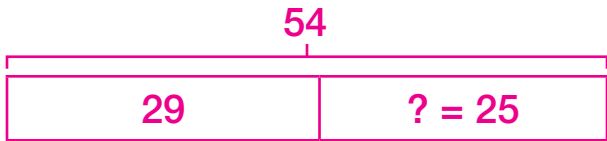
Answer: 124 hours

Solve the strip diagram below.

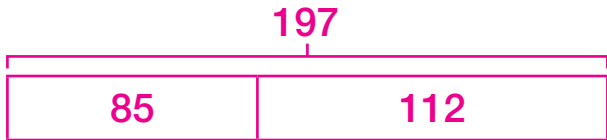


Answer: 212

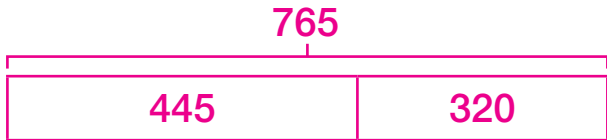
Michael scored 54 points in two basketball games last week. If he scored 29 in the first game, how many points did he score in the second game? Draw a strip diagram and solve.



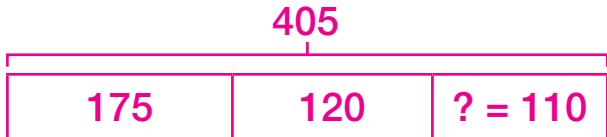
Quinn needed to make 85 chocolate cupcakes for the school bake sale and 112 vanilla cupcakes. How many cupcakes does Quinn need to make in all? Draw a strip diagram and solve.



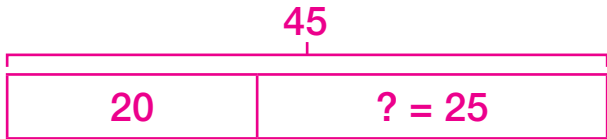
Peter planted 445 carrot seeds and 320 radish seeds in his garden. How many seeds did Peter plant in his garden? Draw a strip diagram and solve.



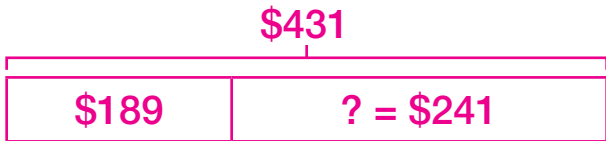
Trinity hiked a total of 405 miles over three weeks. If she hiked 175 miles in week 1 and 120 miles in week 2, what is the number of miles Trinity hiked in week 3?



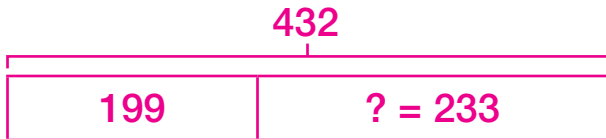
Dean has 45 pairs of tennis shoes and boots.
If 20 pairs are boots, how many pairs are
tennis shoes?



Rebecca earned \$430 babysitting last year. Kylie earned \$189 more for babysitting than Rebecca. How much money did Kylie earn babysitting?



Gabe has 432 horses on two of his farm fields. He has 199 horses in one field. How many horses are in the second field? Draw a strip diagram and solve.



Answer: 233 horses

The table below shows the number of lunch items available in the cafeteria.

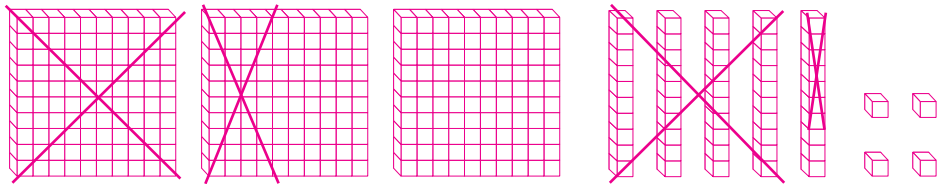
Food Item	Hot Dogs	Burgers	Fruit Cups	Apples	Ice Cream
# of Items	302	390	285	467	155

What is the total number of hamburgers, fruit cups, and apples in the cafeteria?

Answer: 1,114

Draw the following problem with Base Ten Blocks and solve. Show your work.

$$354 - 187 = ?$$



Answer: 167

Rick has 76 pieces of candy. Roger has 98 pieces of candy. About how many pieces of candy do the boys have in all?

Answer: 174 pieces of candy

Which of the following statements is NOT true?

- A. The 8 in 38,276 is ten times the value of the 8 in 899.
- B. The 9 in 54,930 has the same value as the 9 in 83,946.
- C. The 5 in 57,980 has the same value as the 5 in 95,001.
- D. The 7 in 42,798 is ten times the value of the 7 in 86,270

The table below shows the number of shirts each member of the Wilson family owns.

Family Member	Mr. Wilson	Mrs. Wilson	Bobby	Bianca	Brian
# of Shirts	19	35	12	18	10

What is the best estimate for the total number of shirts that Mr. Wilson, Bobby, and Brian have in all?

Answer: 40 shirts

Solve the following problem. Make sure to show your work.

$$1,000 - 249 = \underline{\hspace{2cm}}$$

Answer: 751

View the expanded notation of a number below.

$$(9 \times 100,000) + (8 \times 1,000) + (2 \times 10)$$

Write the number in standard form.

Answer: 908,020

Kendall went into Peter's Pizzeria to pick up a pizza for dinner. When Kendall walked in, there were 35 pizzas stacked on the counter. The customer in front of Kendall ordered 12 of the pizzas. One of the workers brought 19 more pizzas to the counter. How many pizzas are now on the counter? Write an equation and solve for the answer.

Equation: 35 + 19 = ?

Answer: 54 pizzas

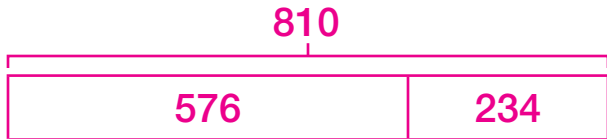
The table below shows the forecast for the weather.

Day	Monday	Tuesday	Wednesday	Thursday	Friday
High & Low Temperature	93°F 75°F	87°F 70°F	85°F 70°F	83°F 68°F	84°F 70°F

Based on the weather forecast above, on which day will there be a difference of 14°F ?

Answer: Friday

Betsy has 576 buttons. John has 234 buttons.
How many buttons do they have in all? Draw a
strip diagram and solve.



Equation: 576 + 234 = ?

Answer: 810

Round this number to the nearest hundred.

928,567

Answer: 928,600