

Homework

Draw a Math Mountain and write an equation to solve each problem.

Show your work.

1. **Add To** Kelsey had 9 books. She borrowed 4 more books from her friend. How many books does Kelsey have now?

2. **Take From** Write a subtraction problem that undoes the addition word problem in Problem 1. Then draw a Math Mountain, write an equation, and solve the problem.

3. **Put Together Take Apart** There are 11 bicycles at Matt's house. 5 are in the driveway, and the rest are on the lawn. How many bicycles are on Matt's lawn?

4. **Put Together Take Apart** Write an addition word problem that undoes the subtraction word problem in Problem 3. Then draw a Math Mountain, write an equation, and solve the problem you wrote.

Write a number to make each number sentence true.

5. $17 = \square + 8$

6. $\square \neq 9 - 4$

7. $5 + 3 = 3 + \square$

Remembering

Solve using a numerical method and a proof drawing.

1. $362 + 487 = \underline{\hspace{2cm}}$

2. $359 + 561 = \underline{\hspace{2cm}}$

Subtract. Show your ungroupings. Use proof drawings if you need to.

3.
$$\begin{array}{r} 600 \\ - 58 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 900 \\ - 622 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 800 \\ - 316 \\ \hline \end{array}$$

Estimate the length of the line segment in inches.
Then measure it to the nearest $\frac{1}{2}$ inch.



Estimate: _____ Actual: _____

7. **Stretch Your Thinking** Emma knows a certain problem has addends of 60 and 50. Draw a Math Mountain using the addends to find the unknown number.

Homework

Solve each problem. Label your answers. *Show your work.*

1. Asha made 15 sandwiches. Six were cheese, and the rest were peanut butter. How many peanut butter sandwiches did Asha make?

2. Farrah has 13 CDs. She gave some of them to her sister. Now Farrah has 5 CDs. How many did she give to her sister?

3. Joseph did 7 push-ups yesterday. Today he did some more. In all, he has done 14 push-ups. How many did he do today?

4. Devon's album contains 40 digital photos. There are 10 pages with an equal number of photos on each page. How many photos are on each page?

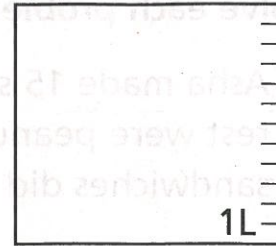
5. Brent has 81 miniature cars in his collection. There are 9 cars in each box. How many boxes of cars are there?

6. **Create and Solve** Write and solve a word problem in which you must find an unknown addend or factor.

Remembering

Use drawings to represent the problems.

1. Natalie puts the stopper in the sink and pours in 8 liters of water. Then she pours in 3 more liters. How many liters of water are in the sink now?



2. Jack has a bottle with 700 milliliters of juice. He drinks 400 milliliters. How much juice is left in the bottle?



Write the number for the words.

3. one hundred forty-six _____ 4. ninety-three _____
 5. four hundred twelve _____ 6. sixty _____

Draw a Math Mountain and write an equation to solve each problem.

Show Your Work.

7. **Take From** There are 16 plates on the table. Nine are large, and the rest are small. How many small plates are on the table?

8. **Add To** Write an addition word problem that undoes the subtraction word problem in Problem 7. Then draw a Math Mountain, write an equation, and solve the problem you wrote.

9. **Stretch Your Thinking** When I'm with my factor 5, my product is 20. When I'm with my addend 6, my sum is 10. What number am I? Explain.

Homework

Solve each problem. Label your answers.

Show your work.

1. Brenna saw some cows at a farm. Then she saw 16 horses. She saw 35 cows and horses in all. How many cows did Brenna see?

2. Jamal caught some lightning bugs. His friend gave him 13 more. Now he has 29 lightning bugs. How many did he catch?

3. Anu is eating grapes. She has eaten 14 of them. She has 18 grapes left. How many grapes did she start with?

4. Jay planted 49 lavender plants in his garden. The plants are in equal rows of 7 plants. How many rows of lavender plants are there?

5. Marci has 35 inches of trim to glue onto 7 sticker albums. She is putting the same amount of trim on each album. How many inches of trim is she putting on each album?

6. **Create and Solve** Write and solve an unknown start or an unknown factor word problem of your own.

Remembering

Solve.

Show Your Work.

1. Kameryon buys an apple with a mass of 182 grams.

She eats some of the apple. Now the apple has a mass of 48 grams. What is the mass of the amount she ate?

2. The total mass of the team's 6 bowling balls is 36 kilograms. If each ball has the same mass, what is the mass of each bowling ball?

Round each number to the nearest hundred.

3. 438 _____

4. 649 _____

5. 251 _____

Solve each problem. Label your answers.

Show Your Work

6. There are 12 basketballs in the team bag. Seven of the balls are new, and the rest are old. How many old basketballs are in the bag?

7. Riley has 72 stickers. She has 9 sticker sheets. Each sticker sheet has the same number of stickers. How many stickers are on each sheet?

8. **Stretch Your Thinking** Write a word problem using the numbers 9 and 6 and an unknown start number. Write a situation equation and a solution equation to solve your word problem.

Homework

Compare the numbers. Write $>$, $<$, or $=$ in each \bigcirc .

1. 765 \bigcirc 756

2. 467 \bigcirc 758

3. 2,014 \bigcirc 2,410

4. 8,462 \bigcirc 8,462

Write the numbers in order from least to greatest.

5. 92, 78, 82

6. 496, 424, 485

Solve each problem. Label your answers.

Show your work.

- 7. Unknown Smaller Amount** Will ate 8 fewer crackers than Louis. Louis ate 24 crackers. How many crackers did Will eat?

- 8. Unknown Larger Amount** Zoe walks 9 more blocks than Raj. Raj walks 12 blocks to school. How many blocks does Zoe walk?

Draw and label Comparison Bars to show each situation.

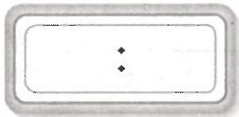
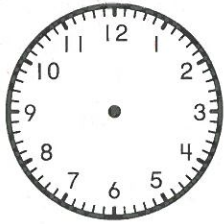
- 9.** Travis has 7 fewer CDs than Bobbi has.

- 10.** Ki solved 3 more math problems than Daniel solved.

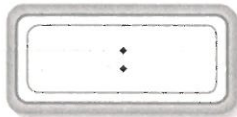
Remembering

Draw the hands on the analog clock. Write the time on the digital clock.

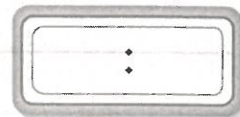
1. four fifteen



2. two forty-five



3. two minutes before six



Solve the problem using a numerical method and a proof drawing.

4. Makayla scores 537 points on the video game. Steven scores 446 points. How many points do they score altogether?

Solve the problem. Label your answers.

5. Mariah has some toy horses. 18 of her toy horses are brown. The other toy horses are not brown. She has 39 toy horses in all. How many toy horses are not brown?

6. **Stretch Your Thinking** Use the digits 9, 4, 2 to write comparisons.

_____ > _____	_____ < _____	_____ = _____
_____ > _____	_____ < _____	_____ = _____
_____ > _____	_____ < _____	_____ = _____

Homework

Solve each problem. Label your answers.

Show your work.

1. Lucia drew 13 pictures. Lucia drew 6 more pictures than Chelsea. How many pictures did Chelsea draw?

2. Derek brought 15 cupcakes to the party. After he gave one to each guest, he had 6 left. How many guests were at the party?

3. Molly hit 6 home runs. Molly hit 3 fewer home runs than Jerry. How many home runs did Jerry hit?

4. John caught 4 fireflies. He caught 6 fewer fireflies than Jessica. How many fireflies did Jessica catch?

5. Ankur ate 9 raisins. He ate 4 fewer raisins than Lena. How many raisins did Lena eat?

6. Amelia made 11 baskets. She made 3 more baskets than Girard. How many baskets did Girard make?

7. Roberto did 15 sit-ups. He did 5 fewer sit-ups than Marcus. How many sit-ups did Marcus do?

Remembering

Complete the table.

1.	Start Time	Elapsed Time	End Time
	4:38		6:50
	10:15	1 hour 17 minutes	
		4 hours 51 minutes	7:36

Use the table to answer Exercises 2–3.

Items in the Media Center

Type of Item	Number
Nonfiction Books	458
Fiction Books	527
Magazines	291

Write an equation and solve the problem.

Show Your Work.

2. How many nonfiction books and magazines are there altogether?

3. The number of which two items rounds to the same number?

Draw and label Comparison Bars to show each situation.

4. Spencer has 5 more markers than Lee has.

5. **Stretch Your Thinking** Write and solve a word problem with an unknown larger amount.

Homework

Read each problem. Cross out any extra information or circle the hidden information. Then solve.

Show your work.

1. Galen had 75 toy cars and 98 building blocks. He gave 32 toy cars and 14 blocks to his little brother. How many toy cars does Galen have left?

2. Isabelle baked a dozen muffins. Her family ate 5 of them. How many muffins does Isabelle have left?

3. Guy ran 6 miles on Monday. He biked 13 miles. Then he ran 7 miles and biked 10 miles on Friday. How many miles did Guy run this week?

If more information is needed, rewrite the problem to include the necessary information. Then solve it.

4. A stepladder is 8 feet tall. Two of the steps are broken. How many steps are not broken?

5. Today, Maggie's Cafe sold more hot chocolate than yesterday. Yesterday, Maggie's Cafe sold 237 cups of hot chocolate. How many more cups were sold today than yesterday?

Remembering

Multiply or divide.

$$\begin{array}{r} 1. \quad 5 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 3 \\ \hline \end{array}$$

$$\frac{63}{9} = \underline{\quad}$$

$$\frac{16}{2} = \underline{\quad}$$

$$\frac{27}{3} = \underline{\quad}$$

Solve.

2. Justin's recital finishes at 9:30 P.M. The recital lasts 2 hours and 20 minutes. At what time did Justin's recital begin?



Solve each problem. Label your answers.

Show your work.

3. Jessica has 7 crackers. She has 6 fewer crackers than Hunter. How many crackers does Hunter have?

4. Austin reads 8 books. He reads 4 more books than Emily. How many books does Emily read?

5. **Stretch Your Thinking** Write and solve a word problem that has both extra and hidden information. Cross off the extra information and circle the hidden information.

Homework

Write the first step question and answer. Then solve the problem.

1. The parking garage has 9 rows with 10 parking spaces in each row. There are 8 empty spaces. How many spaces are filled?

2. Leland bought 3 packs of trading cards with 8 cards in each pack. He divided the cards equally among his 4 friends. How many cards did each friend get?

3. Sara made 20 necklaces. She kept 2 necklaces and divided the rest equally among 6 friends. How many necklaces did each friend get?

4. Lori took 36 pictures and Tim took 28 more pictures than Lori. Tim put 8 pictures on each page in his album. How many pages did Tim fill in his album?

5. Maria bought 7 packages of balloons. Each package has 8 balloons. She used 49 balloons in bouquets. How many balloons does Maria have left?

Remembering

Multiply or divide to find the unknown numbers.

1. $5 \cdot 8 = \underline{\hspace{2cm}}$

2. $4 \times \underline{\hspace{2cm}} = 16$

3. $45 \div 9 = \underline{\hspace{2cm}}$

4. $20 \div 2 = \underline{\hspace{2cm}}$

5. $3 \cdot \underline{\hspace{2cm}} = 18$

6. $15 \div 3 = \underline{\hspace{2cm}}$

Make a proof drawing and subtract numerically.
Show your ungroupings.

7. Chloe's class has 293 raffle tickets to sell. By the end of the first week they sold 88 tickets. How many tickets does the class have left to sell?

8. The clown has 465 souvenirs to sell for the circus. By the end of the day he had sold 274 souvenirs. How many souvenirs does the clown have left?

Read each problem. Cross out any extra information or circle the hidden information. Then solve.

9. In P.E. class Julie does 28 jumping jacks and 51 sit-ups. At recess Julie does 37 jumping jacks. How many jumping jacks does Julie do?

10. **Stretch Your Thinking** Write and solve a word problem that uses the factors 6 and 9 and has extra information about grams.

Homework

Solve each problem. Label your answers. *Show your work.*

1. Todd's dad cut 12 slices of mango. Todd ate 4 of them. Then Todd's mom cut 6 more slices. How many slices of mango were left?
- _____

2. Jennifer picked 3 daffodils, 9 daisies, and some tulips for her mother. Altogether she picked 16 flowers. How many tulips did she pick?
- _____

3. Alex has 14 books in his bag. Angela has 6 fewer books in her bag than Alex has. How many books are in the two bags altogether?
- _____

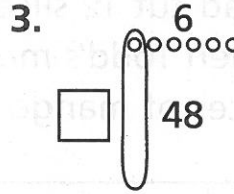
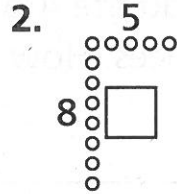
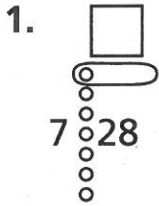
4. Pedro had 13 marbles yesterday. 7 were red, and the rest were green. Today he gave 4 of his green marbles to his sister. How many green marbles does Pedro have left?
- _____

5. There were 17 animals at the shelter. 8 were dogs, and the rest were cats. Today more cats were brought in. Now there are 11 cats. How many cats were brought to the shelter today?
- _____

6. Zal picked 12 cherries from one tree and 3 from another. He picked 8 more cherries than Karen picked. How many cherries did Karen pick?
- _____

Remembering

Find the unknown number in the Fast Array drawing.



Read the problem. Then follow the directions below the problem. Here is an addition word problem:

In the stands at the football game, there are 259 people sitting. There are also 183 people standing. How many people are in the stands?

4. Solve the problem. _____

Write the first step question and answer. Then solve the problem.

5. The store owner gets a shipment of 7 boxes of games. There are 6 games in each box. He sells 18 games. How many games are left?

6. **Stretch Your Thinking** Write a two-step word problem that has an answer of 7 pages.

Homework

This table shows the number of tickets sold for the early and late showings of each movie at the Palace Theater last Saturday.

Saturday Ticket Sales

	<i>Jungle Adventure</i>	<i>Hannah the Hero</i>	<i>Space Race</i>
Early Show	72	109	143
Late Show	126	251	167

- How many more tickets were sold for the early showing of *Jungle Adventure* and *Hannah the Hero* than for *Space Race*?
- How many tickets were sold for the late showing of the three movies?

This table shows the number of pizza, pasta, and salad orders at Luigi's Pizzeria last Tuesday, Wednesday, and Thursday.

Orders at Luigi's Pizzeria

	Pizza	Pasta	Salads
Tuesday	45	27	18
Wednesday	51	65	29
Thursday	64	78	38

- Write a two step question based on the table above, and then find the answer.

Remembering

Write an equation and solve the problem.

- Joey counts the windows on the 3-floor building. There are 6 windows on each floor. How many windows does he count?

- Kiara gives Mrs. King's class 23 erasers. She has 59 erasers left in the supply drawer. How many erasers did Kiara start with?

Solve the problem.

- Seth earns 783 points in a video game. He loses 250 points. What is his score now?

Solve each problem. Label your answers.

Show your work.

- Rene has 15 pens. Nine are blue and the rest are red. Her brother gives her some more red pens. Now she has 11 red pens. How many red pens did her brother give her?

- Blake has 6 fish in his tank. His dad buys him 3 more. Now he has 4 fewer fish than Vanessa. How many fish does Vanessa have?

- Stretch Your Thinking** Write and solve a two step word problem that uses subtraction and then addition. Use these numbers in any order: 148, 302, 480

Homework

Write an equation and solve the problem.

Show your work.

1. There is a stack of sweaters at the store.
Six sweaters have 5 buttons each. One sweater has 4 buttons. How many buttons do the sweaters have altogether?

2. Paula had 60 party treats. She gave 4 away. Then she put an equal number in each of 8 bags. How many treats did she put in each bag?

3. Andy's soccer team scored 5 goals in each of 7 games and 6 goals in another game. How many goals did Andy's team score?

4. One week, Jon walked 20 minutes each day for 6 days. Then he walked 30 minutes the next day. How many minutes did Jon walk that week?

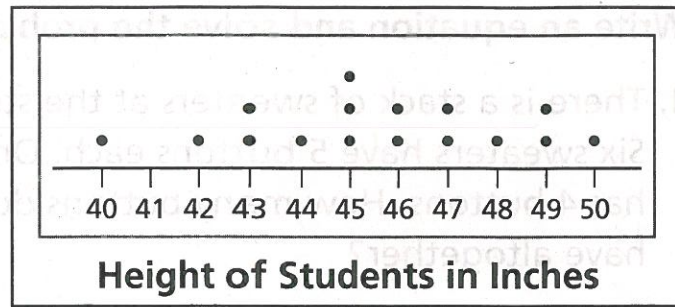
5. Tanisha played bean bag toss. She hit the 100-point target once and the 50-point target 3 times. How many points did Tanisha score?

6. Charles received \$15 for doing chores and \$22 for his birthday. He spent \$9 on a book. How much money does Charles have left?

Remembering

Use the line plot to solve the problem.

1. How many students are 47 inches or taller?



The table below shows the number of people that went on each ride on Sunday morning and afternoon.

People on the Rides

	Twister	Roller Coaster	Merry-Go-Round
Morning	84	285	136
Afternoon	149	251	95

Write an equation and solve the problem.

2. How many more riders are there in the morning for the twister and roller coaster than the merry-go-round?

3. How many more riders are there in the entire day for the merry-go-round than riders in the afternoon for the twister?

4. **Stretch Your Thinking** Write a two-step word problem using this equation: $72 \div 9 + 6 = b$, $b = 14$

Homework

Bobcats Will Play Eagles in their Final Game

The Bobcats have set some records this season.



	Touchdowns	Yards	Total points
Bobcats	23	341	160

The Bobcats will play the Eagles in their final game. The table below shows some records set by the Bobcats during the football season.

	Touchdowns	Yards	Total Points
Bobcats	23	341	160

Write an equation and solve the problem.

1. The Eagles scored 7 fewer touchdowns than the Bobcats. How many touchdowns did the two teams score altogether?

2. The Bobcats scored 133 points on touchdowns. They scored the rest of their points by kicking field goals worth 3 points each. How many field goals did the Bobcats kick?

3. Use the data in the table to write another two step problem.

Remembering

Use basic multiplication and mental math to complete.

1. $7 \times 4 = \underline{\quad}$

2. $6 \times 3 = \underline{\quad}$

3. $5 \times 9 = \underline{\quad}$

$7 \times 40 = \underline{\quad}$

$60 \times 3 = \underline{\quad}$

$5 \times 90 = \underline{\quad}$

4. $70 \times 5 = \underline{\quad}$

5. $60 \times 9 = \underline{\quad}$

6. $50 \times 6 = \underline{\quad}$

Multiply or divide to find the unknown numbers.

7. $72 = 8 \times \underline{\quad}$

8. $7 = \underline{\quad} \div 8$

9. $\underline{\quad} \times 6 = 30$

10. $4 \times 6 = \underline{\quad}$

11. $27 = \underline{\quad} \times 3$

12. $25 \div 5 = \underline{\quad}$

Write an equation and solve the problem.

Show your work.

13. Mrs. Blum makes 8 fruit baskets with 4 apples in each. She makes 1 fruit basket with 3 apples. How many apples does she use altogether?

14. Coach Ruiz buys one package of 50 cups and 4 packages of 20 cups. How many cups does Coach Ruiz buy altogether?

15. **Stretch Your Thinking** Use the table to write and solve a two step word problem that has an answer of 49 points.

	Carly	Evan	Isaac
Points	245	118	176
