



May 13, 2026

Dear Parents,

It is hard to believe summer is almost here. We are so proud of the progress your child made this academic year. Summer should be a respite for students, a time for play and an opportunity for connecting with family and friends. However, did you know that research shows students can lose up to 34% of the academic progress made during the school year? Sprinkling in some math and reading practice throughout summer will help your child retain the skills he/she worked hard to achieve this school year. Therefore, all PHPS students are expected to complete summer math and reading assignments to reinforce and strengthen learned concepts and skills. Please see the requirements below and reach out if you have any questions.

Summer Reading:

Rising fourth graders will read 20 books over the summer and record each title on the attached reading log. Chapter books count as 2 books. Students may record books that are listened to via an audiobook, books that are read independently, and books that are read to the student by a parent or other adult.

AR (Accelerated Reader) quizzes are not required; however, if your child wishes to take an AR quiz at home, earned points will be added to their AR total when he/she returns to school in August. You may find the AR Bookfinder tool helpful to select books that match your child's reading level.

Summer Math:

Please see the enclosed information for the PHPS summer math assignments. If your child cannot complete a math problem, please circle the item, and your child's teacher will work with him/her on this particular concept during the first week of school. Circled items will not impact your child negatively. Students should also practice math facts at least weekly to continue building fact fluency over the summer months.

In addition to the educational benefits from completing the summer math and reading assignments, students who complete their math packet and return a completed reading log on August 25, 2026 will be invited to a special celebration in the fall to recognize their hard work.

Have a wonderful summer, and I look forward to seeing you in August!

Sincerely,

Heidi Bell

AR Summer 2026: Home Assessment Guide For Rising 2nd–6th Grade PHPS Students

Assessment Window: May 26 – August 14

Students may continue taking Accelerated Reader (AR) comprehension assessments from home during the summer. While participation is optional, AR can help students maintain reading momentum and confidence heading into the new school year.

Summer AR points will be added to each student's total when the 2026–2027 school year begins. Students will remain in their 2025–2026 AR class through August.

Choosing Books

We encourage students to explore books that spark curiosity and imagination. Students may:

- Read independently
- Read with a family member
- Listen to audiobooks

Use the AR Bookfinder tool to search for AR books and quiz availability. Bookfinder is a search-only tool and does not provide access to books.

Places to Find Books

- Bookstores (including Half Price Books)
- Local libraries using Libby or Hoopla for audiobooks
- Spotify Audiobooks or Audible Kids
- Learning Ally (PHPS login included on login card)
- Epic! (PHPS login on card or optional paid family subscription)

Please note: Some AR quizzes include a read-aloud feature. Look for the **headphones** icon. Younger readers may still need support with quizzes that do not offer audio.

Taking an AR Quiz at Home

1. Visit the AR Login page
2. Log in using your child's summer AR credentials (see your child's login card)
3. Search for the book by title or author
4. Select your child's 2025–2026 teacher
5. Begin the quiz

Important Reminders

- Quizzes must be completed in one sitting.
- If a quiz is exited early, it must be reset before retaking.
- If your child accidentally opens the wrong quiz, email for assistance.

Viewing AR Progress

Families may use **HomeConnect** to view quiz history and scores using the same AR login credentials provided in the Summer Reading packet.

If you need assistance accessing your child's account, please contact Lauren Marold, lmarold@phps.org

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Summer Math Packet

Dear Families,

We have had a fantastic year learning and growing in math! To keep those skills sharp over the summer, we have put together this math packet reviewing what we learned this year. Completing a little bit each week will help your child stay confident and prepared for the next school year.

How to Use This Packet:

- Pace yourself! Aim to complete about **two pages per week** so that math stays fresh without being overwhelming.
- Work on **fact fluency** throughout the summer. Flashcards and games are a great way to build speed and accuracy with basic facts.
- We have included an **extra sheet with fun activities** to help strengthen fluency in an engaging way.

Summer is a time for fun and relaxation, but keeping up with math in small ways will make a big difference! Thank you for supporting your child's learning.

Have a wonderful summer!

Sincerely,

Fun Fact Fluency Activities

1. **Flashcard Races** – Time yourself or a partner to see how fast you can solve a set of flashcards.
2. **Math War** – Use a deck of cards to play addition, subtraction, multiplication, or division war.
3. **Dice Roll Equations** – Roll two dice and add, subtract, multiply, or divide the numbers.
4. **Math Scavenger Hunt** – Find objects around the house and use them to create math problems.
5. **Cooking with Math** – Measure ingredients and double or halve a recipe for practice.
6. **Outdoor Number Hop** – Write numbers on the pavement and jump to solve equations.
7. **Grocery Store Challenge** – Add up prices or figure out change while shopping.
8. **Board Games with Math** – Play games like Monopoly, Yahtzee, or Sum Swamp to practice math skills.
9. **Number of the Day** – Pick a number and find different ways to make it using addition, subtraction, multiplication, and division.
10. **Math Story Problems** – Create and solve real-life math problems with family or friends.

MATH FACT FLUENCY ACTIVITIES

These are some things your child would benefit from doing at home to build fact fluency. Make it fun and a family activity.

Addition or Multiplication War Use a deck of cards or make a deck of cards numbered 0-9. Two players put down a card at the same time. The first one to correctly add or multiply the cards together gets to keep the cards. The winner is the person with the most cards.	Flash Cards Use your own addition or multiplication flash. Practice the flash cards together. <i>**The Dollar Tree is a great place to pick some up.**</i>	Fact Families Pick any basic addition or multiplication fact such as $2 + 8 = 10$ or $2 \times 8 = 16$ and write the fact family. <table><tr><td>$2 + 8 = 10$</td><td>$10 - 2 = 8$</td></tr><tr><td>$8 + 2 = 10$</td><td>$10 - 8 = 2$</td></tr><tr><td>$2 \times 8 = 16$</td><td>$16 \div 2 = 8$</td></tr><tr><td>$8 \times 2 = 16$</td><td>$16 \div 8 = 2$</td></tr></table> Repeat this at least ten times.	$2 + 8 = 10$	$10 - 2 = 8$	$8 + 2 = 10$	$10 - 8 = 2$	$2 \times 8 = 16$	$16 \div 2 = 8$	$8 \times 2 = 16$	$16 \div 8 = 2$
$2 + 8 = 10$	$10 - 2 = 8$									
$8 + 2 = 10$	$10 - 8 = 2$									
$2 \times 8 = 16$	$16 \div 2 = 8$									
$8 \times 2 = 16$	$16 \div 8 = 2$									
Domino Facts Place dominoes face down on the table. Randomly select a domino and add or multiply the two sides together.	Spinner Addition or Multiplication Use a spinner from a board game that has digits 0-9 or make your own with a paper fastener and a paperclip. Spin the spinner twice and add or multiply the numbers together. Do this at least twenty times.	Grab Bag Facts Place digit cards in a bag that are 0-9. Grab 2-digit cards out of the bag at one time and add or multiply them together. Return the digit cards to the bag after each turn.								
Rolling Addends or Factors Take a pair of dice and roll them. Add or Multiply the dice together to find their sum or product. Do this at least twenty times.	Computer Time Any of the following websites can be useful for practicing fact fluency. <table><thead><tr><th>Addition</th><th>Multiplication</th></tr></thead><tbody><tr><td> • https://www.multiplication.com/games/addition-games • https://www.mathplayground.com/index_addition_subtraction.html • https://www.splashmath.com/math-skills/math-facts • http://www.abcya.com/third-grade_computers.htm#number </td><td> • https://www.multiplication.com/games/all-games • https://www.mathplayground.com/multiplication01.html • https://www.timestables.com/games/ • http://www.abcya.com/clear_it_multiplication.htm </td></tr></tbody></table>		Addition	Multiplication	• https://www.multiplication.com/games/addition-games • https://www.mathplayground.com/index_addition_subtraction.html • https://www.splashmath.com/math-skills/math-facts • http://www.abcya.com/third-grade_computers.htm#number	• https://www.multiplication.com/games/all-games • https://www.mathplayground.com/multiplication01.html • https://www.timestables.com/games/ • http://www.abcya.com/clear_it_multiplication.htm				
Addition	Multiplication									
• https://www.multiplication.com/games/addition-games • https://www.mathplayground.com/index_addition_subtraction.html • https://www.splashmath.com/math-skills/math-facts • http://www.abcya.com/third-grade_computers.htm#number	• https://www.multiplication.com/games/all-games • https://www.mathplayground.com/multiplication01.html • https://www.timestables.com/games/ • http://www.abcya.com/clear_it_multiplication.htm									

Computer Time

Any of the following websites can be useful for practicing fact fluency.

Addition

- [Addition Games](#)
- [Math Playground](#)
- [Splash Learn](#)
- [Numbers Cat](#)

Multiplication

- [Multiplication Games 1](#)
- [Multiplication Games 2](#)
- [Clear It Multiplication](#)

Practice Set 2

Write the missing number.

①

	598	
607		609

②

24		26
44		46

③

179
199

④

	707
	717
	727

⑤

444	
	466

⑥

998	999	
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Put these numbers in order from smallest to largest.

⑦ 259 262 260 258 263 261

⑧ 990 980 1,000 1,100 970 1,200

Count by 2s. Find the missing numbers.

⑨ 431, 433, _____, _____, _____, 441, _____, _____, _____, 449

⑩ 192, _____, 196, _____, 200, _____, _____, 206, _____, _____

Add or subtract.

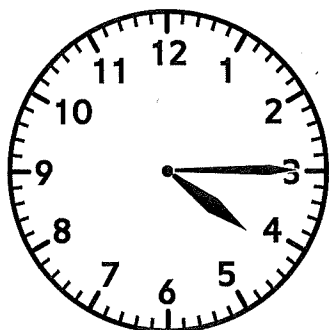
⑪ $8 + 9 =$ _____ ⑫ $9 - 1 =$ _____

⑬ $10 + 5 =$ _____ ⑭ $12 - 4 =$ _____

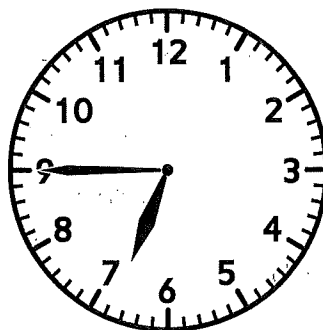
Practice Set 3

Record the time shown on each clock.

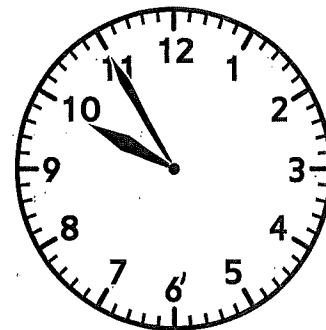
①



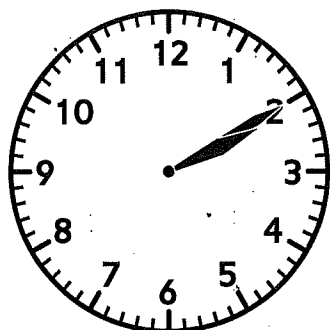
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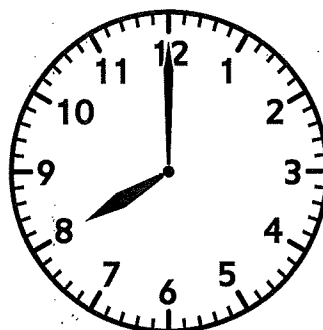
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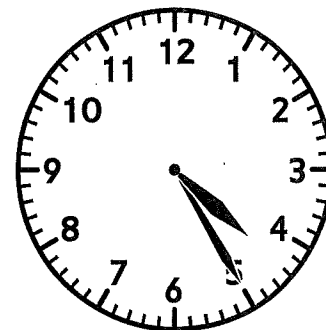
④



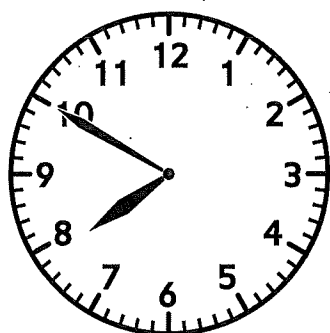
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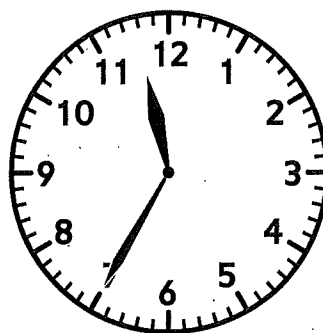
⑥



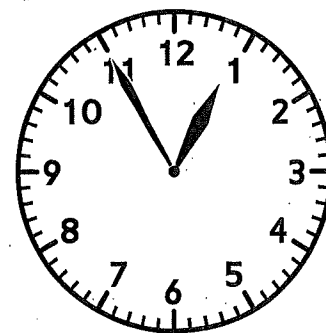
⑦



⑧



⑨

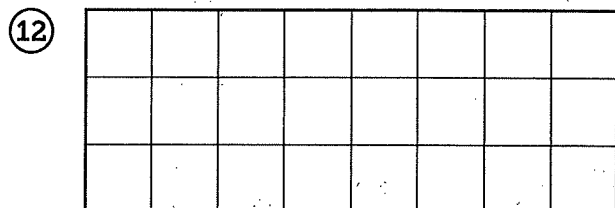


Practice Set 3 (continued)

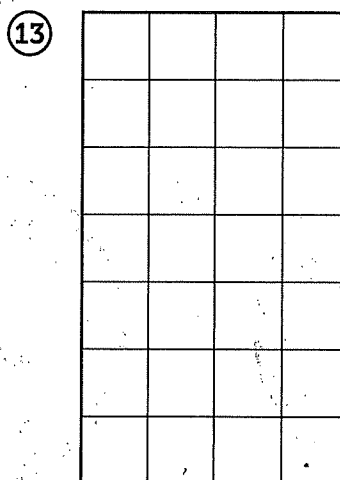
Measure the line segment above in inches and centimeters.

- ⑩ The line segment is _____ inches long.
- ⑪ The line segment is _____ centimeters long.

Count the squares to find the area.

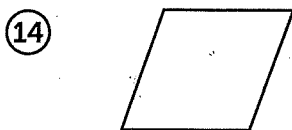


_____ square units



_____ square units

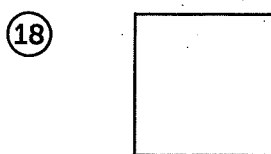
Write the name of each shape.











- ⑲ What is another name for polygons that have exactly 4 sides? _____

Practice Set 4

Round each number.

① Number	Rounded to the Nearest 10
53	
34	
672	
1,728	

② Number	Rounded to the Nearest 100
558	
239	
61	
1,582	

Round the numbers in the problems below to the nearest 10.
Use the rounded numbers to estimate the answer. Then solve.

③ Writing/Reasoning

$$\begin{array}{r} 42 \\ + 36 \\ \hline \end{array}$$

Estimate: _____

Is your answer reasonable? _____

Explain why. _____

④ Writing/Reasoning

$$\begin{array}{r} 68 \\ + 27 \\ \hline \end{array}$$

Estimate: _____

Is your answer reasonable? _____

Explain why. _____

Write the missing numbers.

⑤ $10 = \underline{\quad} + 4$

⑥ $5 + \underline{\quad} = 10$

⑦ $\underline{\quad} + 7 = 10$

⑧ $26 + \underline{\quad} = 30$

⑨ $50 = \underline{\quad} + 43$

⑩ $81 + \underline{\quad} = 90$

⑪ $62 + \underline{\quad} = 70$

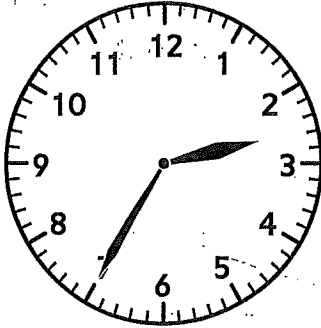
⑫ $13 + \underline{\quad} = 43$

⑬ $\underline{\quad} + 43 = 55$

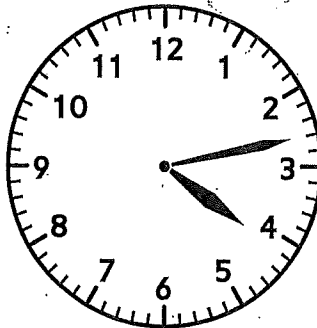
Practice Set 5

Write the time shown on each clock.

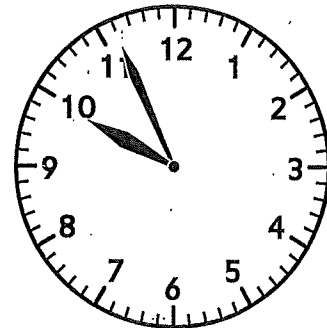
①



②



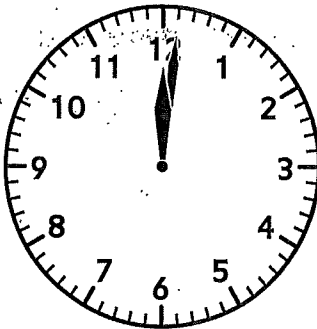
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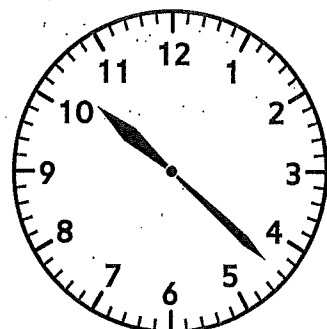
④



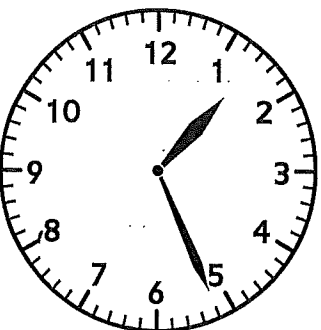
⑤



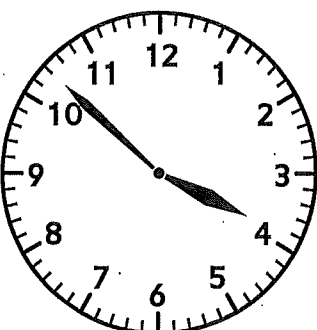
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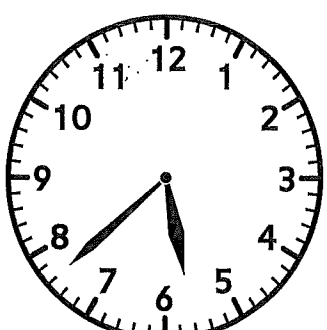
⑦



⑧



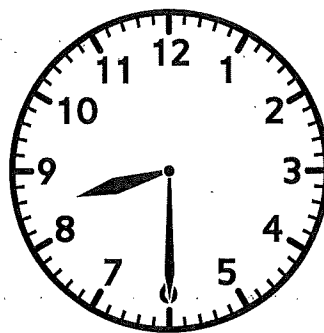
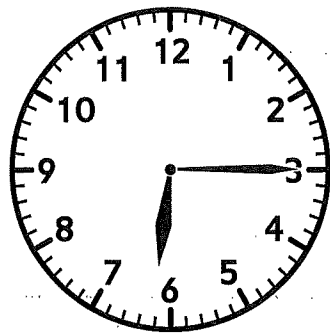
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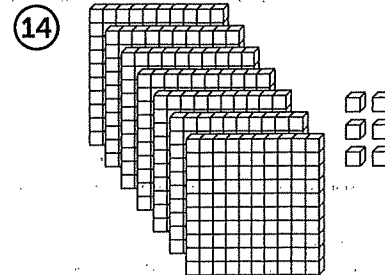
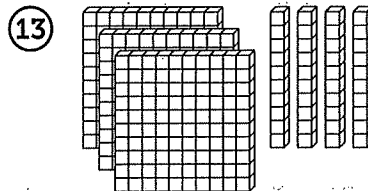
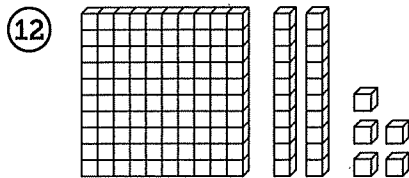
Practice Set 5 (continued)

Solve.

- ⑩ Katie started reading her book at 3:30 P.M. She finished reading at 5:10 P.M. How long did she read? _____
- ⑪ A new movie, "The Wright Brothers," begins at the time shown on the first clock and ends at the time shown on the second clock. How long is the movie? _____



Write the number shown by the base-10 blocks.



- ⑮ Count by 3s.

3, 6, 9, 12, _____, _____, _____, _____, _____

- ⑯ Count back by 10s.

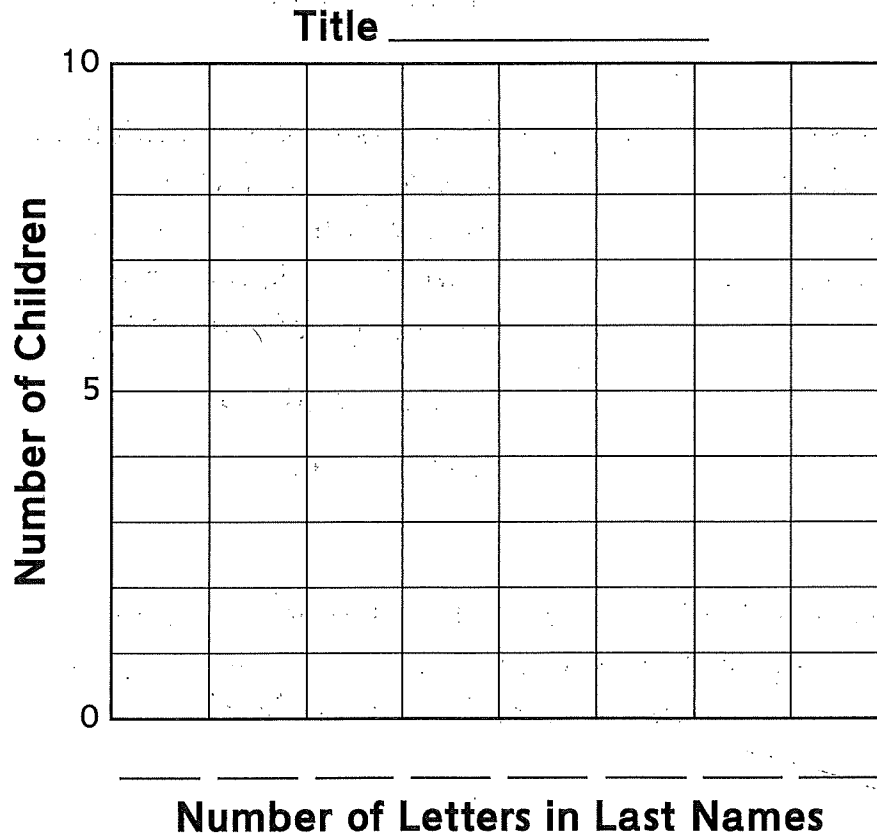
140, 130, 120, _____, _____, _____, _____, _____

Practice Set 7

Ms. Reynolds asked her third graders how many letters there are in their last names. This table shows the results.

Number of Letters in Last Name	3	4	5	6	7	8	9	10
Number of Children	/	//	///	///	///	///	///	//

- ① Make a bar graph that shows the number of letters in children's last names.



Use the bar graph to answer each question.

- ② How many letters does the longest name have? _____
- ③ How many letters does the shortest name have? _____
- ④ How many more letters does the longest name have than the shortest name? _____

Practice Set 8

For Problems 1–4, draw pictures or use counters to help you answer the questions. Then write a number model.

- ① David has 5 vases. He put 6 flowers in each vase. How many flowers did David put in all of the vases?

_____ flowers

Number model:

- ③ A meeting room has 5 rows of chairs. Each row has 8 chairs. How many chairs are in all of the rows?

_____ chairs

Number model:

- ② Sam bought 4 packs of crackers. Each pack holds 8 crackers. How many crackers did Sam buy in all?

_____ crackers

Number model:

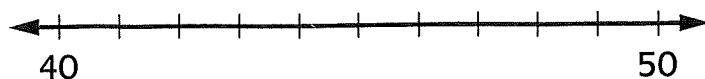
- ④ Each page of a photo album has 4 rows of pictures. Each row has 3 pictures. How many pictures are on each page of the album?

_____ pictures

Number model:

- ⑤ **Writing/Reasoning** Mark buys 3 packages of erasers. Each package contains 6 erasers. Can Mark give one eraser to each of the 20 children in his classroom? Explain your answer. _____

- ⑥ Write the number that is halfway between 40 and 50 on the number line. Then write 48 where it belongs on the number line.



48 rounded to the nearest 10 is _____.

Practice Set 9 (continued)

Draw pictures to help you solve each problem. Then write a number model.

- ⑧ Tyler bought 3 boxes of snacks. Each box had 10 bags of snacks. How many bags of snacks did Tyler buy in all?

Answer: _____ bags

Number model: _____

- ⑨ 4 pies are cut into 6 pieces each. How many pieces of pie are there in all?

Answer: _____ pieces

Number model: _____

- ⑩ Sharon bought 3 packs of invitations. Each pack had 8 invitations. How many invitations did Sharon buy in all?

Answer: _____ invitations

Number model: _____

- ⑪ Nancy displays her glass animals in a case that has 5 shelves. Nancy put 4 animals on each shelf. How many animals are in her display case?

Answer: _____ animals

Number model: _____

- ⑫ Steve needs 5 inches of ribbon for each puppet that he is making. How many inches of ribbon will he need for 8 puppets?

Answer: _____ inches

Number model: _____

Practice Set 10

Solve each multiplication problem. Then write a turn-around shortcut for each problem.

EXAMPLE: $6 \times 2 = 12$ $2 \times 6 = 12$

- ① $3 \times 2 =$ _____

- ② $4 \times 3 =$ _____

- ③ $3 \times 5 =$ _____

- ④ $3 \times 6 =$ _____

- ⑤ $4 \times 8 =$ _____

- ⑥ $6 \times 5 =$ _____

Multiply. Remember to practice and memorize your multiplication facts.

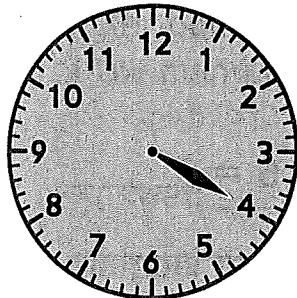
- ⑦ $5 \times 2 =$ _____
- ⑧ $7 \times 1 =$ _____
- ⑨ $5 \times 3 =$ _____
- ⑩ $6 \times 10 =$ _____
- ⑪ $2 \times 4 =$ _____
- ⑫ $12 \times 2 =$ _____
- ⑬ $10 \times 2 =$ _____
- ⑭ $5 \times 6 =$ _____
- ⑮ $10 \times 4 =$ _____
- ⑯ There are _____ cans of fruit drink in all.



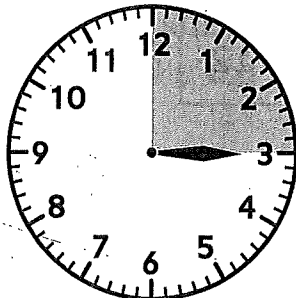
Write a number model.

Practice Set 11

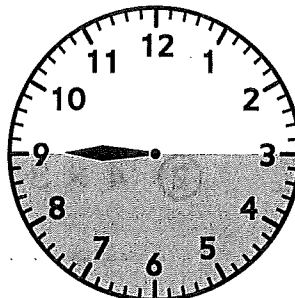
The shaded part of each clock shows passing time.
Assume that each clock turns clockwise.



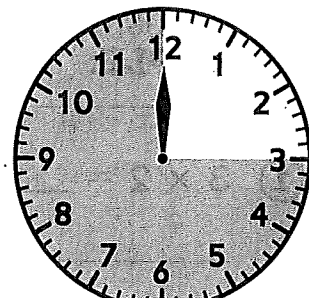
A



B



C



D

- ① Which clock shows that one hour has passed? _____
- ② Which clock shows that forty-five minutes have passed? _____
- ③ Which clock shows that half an hour has passed? _____
- ④ Which clock shows that 15 minutes have passed? _____
- ⑤ Ramona got to volleyball practice at 4:10 P.M. She left at 5:05 P.M.
How long was she at volleyball practice? Use the open number line.

_____ minutes



Draw an array to find each product.

⑥ $4 \times 5 =$ _____

⑦ $3 \times 8 =$ _____

⑧ $9 \times 4 =$ _____

⑨ $2 \times 7 =$ _____

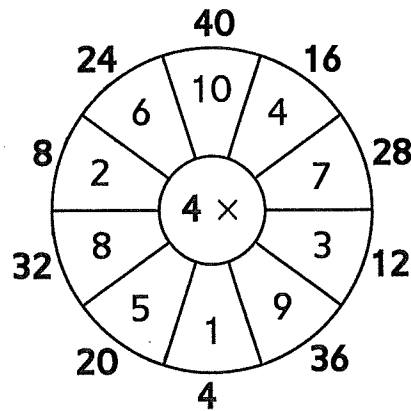
⑩ $5 \times 5 =$ _____

⑪ $6 \times 10 =$ _____

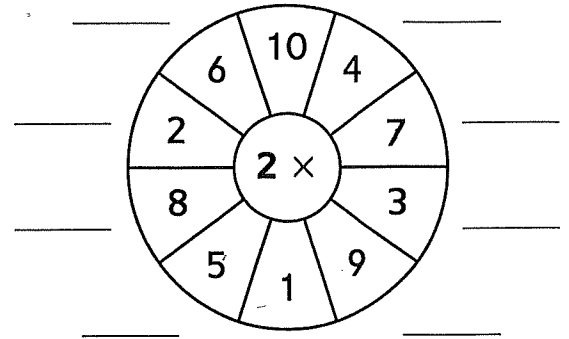
Practice Set 11 (continued)

Multiply the number in the *center* of the circle by each number *on* the circle. Then write the product *outside* the circle.

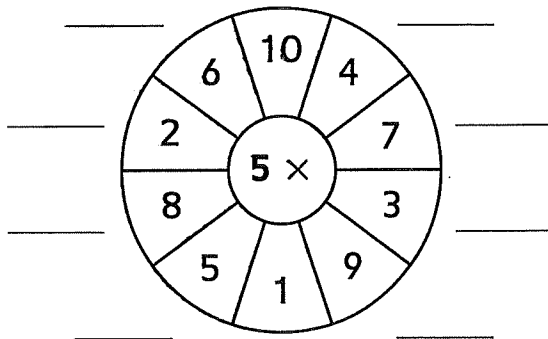
EXAMPLE



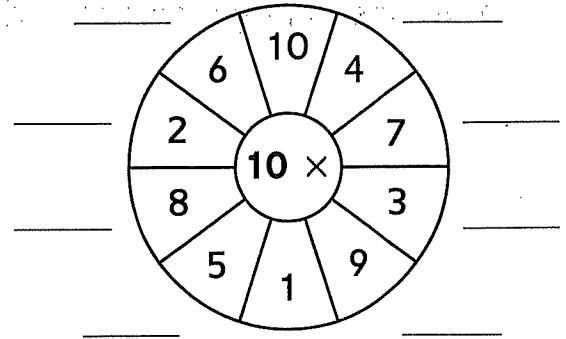
⑫



⑬



⑭



Add or subtract on your calculator to complete these problems.

Enter	Change to	How?
⑮ 432	732	_____
⑯ 357	257	_____
⑰ 879	279	_____
⑱ 424	824	_____

Practice Set 13

Find each sum or difference.

- ① $7 + 4 = \underline{\quad}$
 $17 + 4 = \underline{\quad}$
 $27 + 4 = \underline{\quad}$
 $37 + 4 = \underline{\quad}$
 $47 + 4 = \underline{\quad}$
- ② $14 - 6 = \underline{\quad}$
 $24 - 6 = \underline{\quad}$
 $34 - 6 = \underline{\quad}$
 $44 - 6 = \underline{\quad}$
 $54 - 6 = \underline{\quad}$
- ③ $6 + 3 = \underline{\quad}$
 $60 + 30 = \underline{\quad}$
 $600 + 300 = \underline{\quad}$
- ④ $8 - 2 = \underline{\quad}$
 $80 - 20 = \underline{\quad}$
 $800 - 200 = \underline{\quad}$
- ⑤ $9 + 6 = \underline{\quad}$
 $90 + 60 = \underline{\quad}$
 $900 + 600 = \underline{\quad}$
- ⑥ $18 - 9 = \underline{\quad}$
 $180 - 90 = \underline{\quad}$
 $1,800 - 900 = \underline{\quad}$
- ⑦ What pattern do you see in your answers to Problem 6?

Count by 100s. Find the missing numbers.

- ⑧ 1,200; 1,100; _____; 900; 800; _____; _____; 500; _____; 300
- ⑨ 5,630; 5,530; _____; _____; 5,230; 5,130; _____; 4,930;
_____; _____
- ⑩ 7,659; _____; _____; 7,359; _____; _____; _____; 6,959;
_____; _____

Solve each problem.

- ⑪ The distance from Dallas to Houston is 245 miles. The distance from Dallas to El Paso is 617 miles. How much farther is it from Dallas to El Paso than from Dallas to Houston?

- ⑫ On their vacation, the Baker family drove 376 miles from Phoenix to Los Angeles. Then the Bakers drove 387 miles to San Francisco. How many miles did they drive in all?

Practice Set 14 (continued)

- ⑤ Round each number to the nearest 10 and nearest 100.

Number	Rounded to Nearest 10	Rounded to Nearest 100
53		
78		
236		
1,261		

- ⑥ Sylvia has 4 packages of pens. Each package has 10 pens. How many pens does she have in all? Draw a picture.

Answer: _____ pens

Number model: _____

- ⑦ Jabari has 3 bags with 5 oranges in each bag. How many oranges does he have in all?

Answer: _____ oranges

Circle the number models that fit the story.

$$3 + 5 = 8 \quad 3 \times 5 = 15 \quad 5 + 5 + 5 = 15 \quad 3 + 3 + 3 + 3 = 12$$

Write one addition fact and one subtraction fact for each group of numbers.

EXAMPLE 5, 17, 22 $5 + 17 = 22$; $17 + 5 = 22$
 $22 - 5 = 17$; $22 - 17 = 5$

- ⑧ 28, 9, 37 _____

- ⑨ 50, 30, 80 _____

Practice Set 15

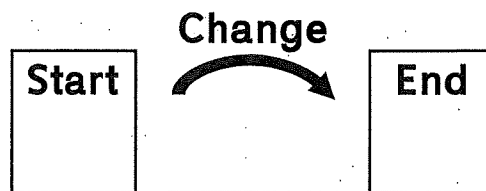
Use the change diagram to solve the problem.

Write the answer and a number model.

- ① Jeremy saves \$17. He receives a gift card for \$25. How much does he have to spend in all?

Answer: _____

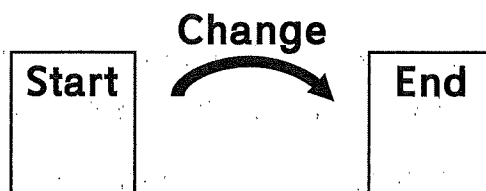
Number model: _____



- ② Maria bought a pair of jeans for \$17. She gave the clerk a \$20 bill. How much change did she receive?

Answer: _____

Number model: _____



- ③ **Writing/Reasoning** Can you write a different number model for Problem 2? Explain.

Make a ballpark estimate. Write a number model to show your estimate. Then find the exact number.

- ④ Ballpark estimate: _____

$$\begin{array}{r} 84 \\ + 90 \\ \hline \end{array}$$

- ⑤ Ballpark estimate: _____

$$\begin{array}{r} 68 \\ - 37 \\ \hline \end{array}$$

- ⑥ Ballpark estimate: _____

$$\begin{array}{r} 38 \\ - 11 \\ \hline \end{array}$$

- ⑦ Ballpark estimate: _____

$$\begin{array}{r} 57 \\ - 47 \\ \hline \end{array}$$

Practice Set 16

Solve each problem. Draw pictures or use words or number models to help keep track of your thinking.

- ① Laura has \$50. She bought 2 skirts that each cost \$15 and a blouse that cost \$10.

How much money does she have now?

Number models:

Answer: _____

- ② Dennis has \$80. He bought gifts for his family that cost \$25, \$12, \$10, and \$8.

How much money does he have now?

Number models:

Answer: _____

- ③ You have 3 sheets of stickers with 10 stickers on each sheet. Then you find 4 more stickers. How many stickers do you have now?

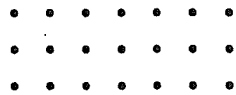
Number models:

Answer: _____

Practice Set 19

Write a multiplication fact to find the total number of dots in each array.

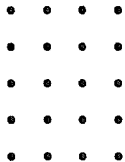
EXAMPLE



$$3 \times 7 = 21$$

21 total dots

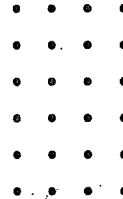
①



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

$\underline{\quad}$ total dots

②



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

$\underline{\quad}$ total dots

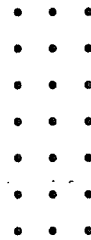
③



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

$\underline{\quad}$ total dots

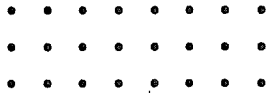
④



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

$\underline{\quad}$ total dots

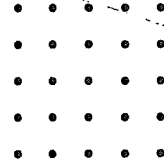
⑤



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

$\underline{\quad}$ total dots

⑥



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

$\underline{\quad}$ total dots

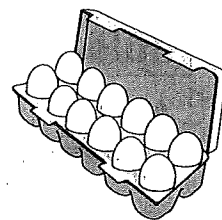
Practice Set 22 (continued)

Solve.

- ⑨ An egg carton holds 2 rows of 6 eggs.
How many eggs does the carton hold?

_____ eggs

Write two number models that show
how many eggs are in the carton.



Fill in the missing number.

⑩ $6 + 8 = \underline{\hspace{2cm}}$

$60 + 80 = \underline{\hspace{2cm}}$

$600 + 800 = \underline{\hspace{2cm}}$

⑪ $\underline{\hspace{2cm}} = 12 - 5$

$\underline{\hspace{2cm}} = 120 - 50$

$\underline{\hspace{2cm}} = 1,200 - 500$

⑫ $9 + \underline{\hspace{2cm}} = 13$

$90 + \underline{\hspace{2cm}} = 130$

$900 + \underline{\hspace{2cm}} = 1,300$

⑬ $4 = 9 - \underline{\hspace{2cm}}$

$40 = 90 - \underline{\hspace{2cm}}$

$400 = 900 - \underline{\hspace{2cm}}$

⑭ $\underline{\hspace{2cm}} - 8 = 7$

$\underline{\hspace{2cm}} - 80 = 70$

$\underline{\hspace{2cm}} - 800 = 700$

⑮ $8 = \underline{\hspace{2cm}} - 9$

$80 = \underline{\hspace{2cm}} - 90$

$800 = \underline{\hspace{2cm}} - 900$

- ⑯ What patterns do you notice in Problems 10–15?

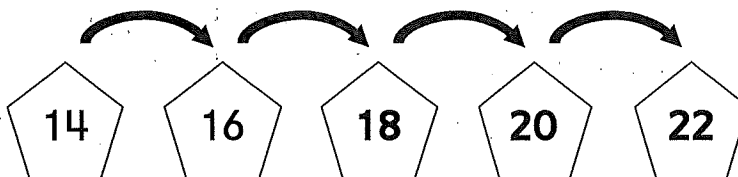
Practice Set 23

Complete each Frames-and-Arrows diagram.

EXAMPLE

Rule

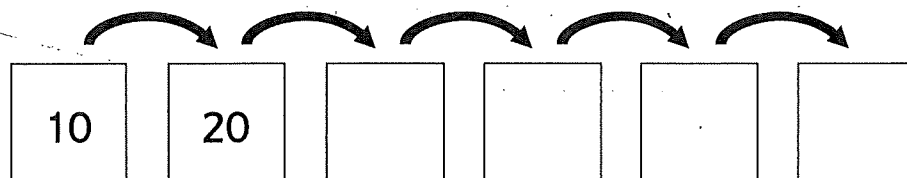
Add 2



①

Rule

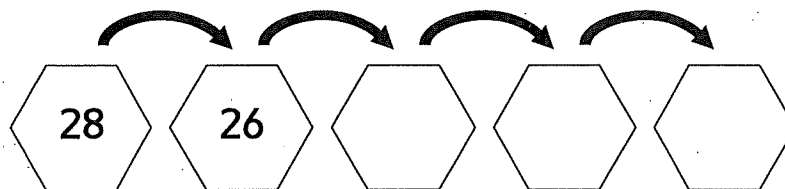
+ 10



②

Rule

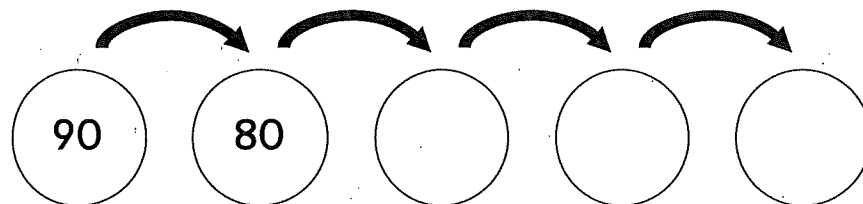
- 2



③

Rule

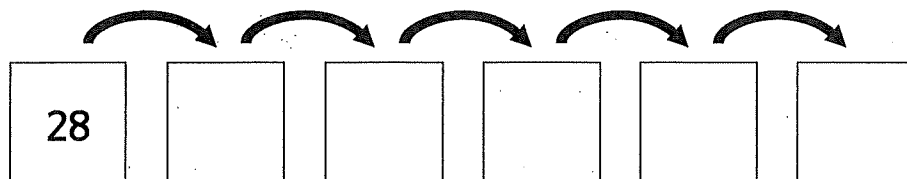
Subtract 10



④

Rule

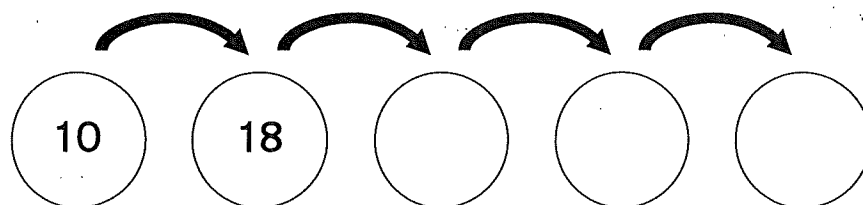
- 4



⑤

Rule

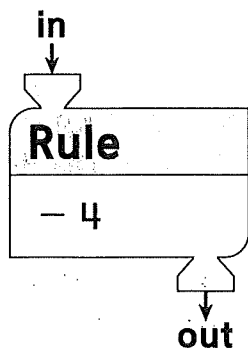
+ 8



Practice Set 24

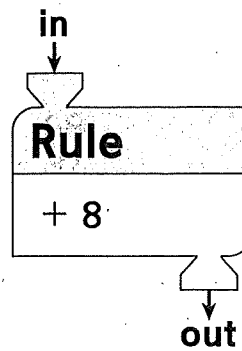
Find the missing numbers.

①



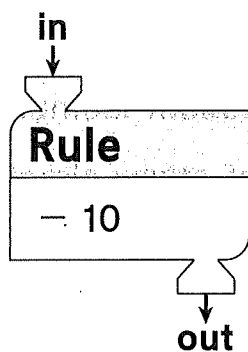
in	out
12	8
14	10
	13
	15
	21

②



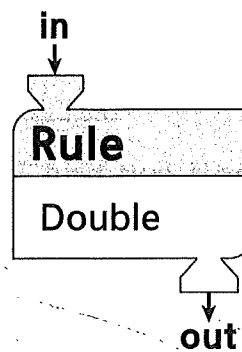
in	out
	15
	12
	20
	32
	40

③



in	out
	30
	27
	19
	16
	50

④



in	out
	8
	14
	20
	24
	50

Practice Set 26

Estimate first. Then use the partial-sums addition method to add.

EXAMPLE

Estimate:

$$470 + 20 = 490$$

100s	10s	1s
4	6	7
+	1	8
4	0	0
	7	0
+	1	5
4	8	5

① Estimate:

$$\begin{array}{r} 345 \\ + 69 \\ \hline \end{array}$$

② Estimate:

$$\begin{array}{r} 38 \\ + 45 \\ \hline \end{array}$$

③ Estimate:

$$\begin{array}{r} 75 \\ + 129 \\ \hline \end{array}$$

Practice Set 27

Estimate first. Then use column addition to solve the problems.

EXAMPLE

Estimate:

$$330 + 70 = 400$$

100s	10s	1s
3	2	7
+	6	8
3	8	15
3	9	5

① Estimate:

$$234 + 32 = \underline{\hspace{2cm}}$$

② Estimate:

$$76 + 22 = \underline{\hspace{2cm}}$$

③ Estimate:

$$539 + 287 = \underline{\hspace{2cm}}$$

Practice Set 28

Estimate first. Then use counting-up subtraction to solve these problems. Use open number lines or number sentences. Check whether your answer makes sense.

① $83 - 28 = ?$

Estimate: _____



$83 - 28 = \underline{\hspace{2cm}}$

② $? = 77 - 13$

Estimate: _____



$\underline{\hspace{2cm}} = 77 - 13$

③ $569 - 323 = ?$

Estimate: _____



$569 - 323 = \underline{\hspace{2cm}}$

④ $172 - 44 = ?$

Estimate: _____



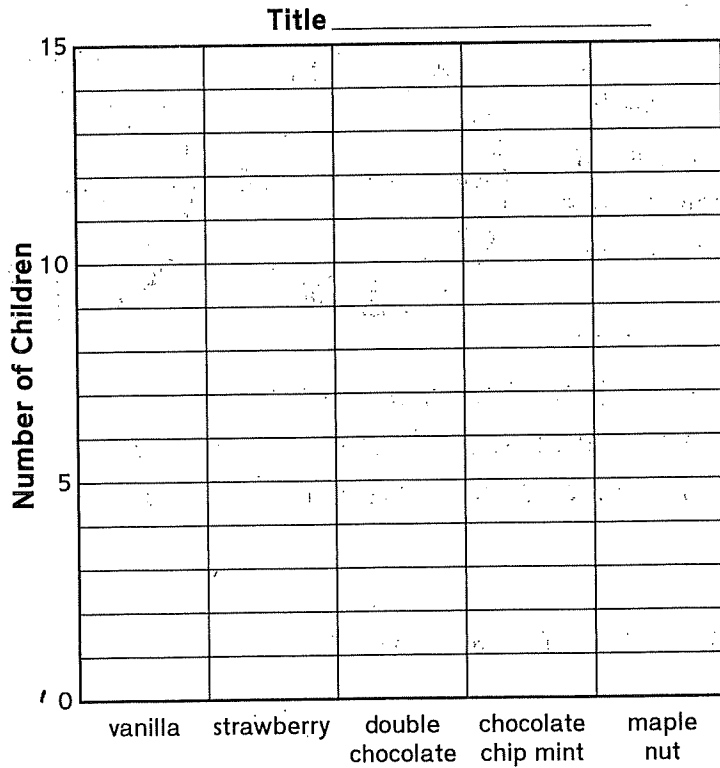
$172 - 44 = \underline{\hspace{2cm}}$

Practice Set 30

Use the tally chart to make a bar graph. Then answer each question.

Ice Cream Favorites	
Kind of Ice Cream	Number of Children
Vanilla	###
Strawberry	###
Double Chocolate	### ###
Chocolate Chip Mint	
Maple Nut	

①



- ② How many more children chose double chocolate than maple nut?

- ③ How many children chose double chocolate or chocolate chip mint?

Practice Set 31 (continued)**Write the number that is 10 more.**

- ⑩ 14 ⑪ 30 ⑫ 539 ⑬ 4,258 ⑭ 7,904

Write the number that is 100 more.

- ⑮ 8 ⑯ 27 ⑰ 923 ⑱ 2,918 ⑲ 8,715

Write the number that is 1,000 more.

- ⑳ 7 ㉑ 254 ㉒ 5,791 ㉓ 9,493 ㉔ 12,463

Write the number that is 10 less.

- ㉕ 19 ㉖ 142 ㉗ 1,014 ㉘ 7,420 ㉙ 4,615

Write the number that is 100 less.

- ㉚ 156 ㉛ 433 ㉜ 5,212 ㉝ 1,082 ㉞ 12,617

Write the number that is 1,000 less.

- ㉟ 1,092 ㊱ 7,214 ㊲ 5,131 ㊳ 10,673 ㊴ 22,194

- ④⑩ **Writing/Reasoning** Sherri had \$1,200 in her savings account. Then she took out \$700. The next week she put \$900 into her account. The following week, Sherri took out \$300. How much is in her account now? _____

Explain your answer.

