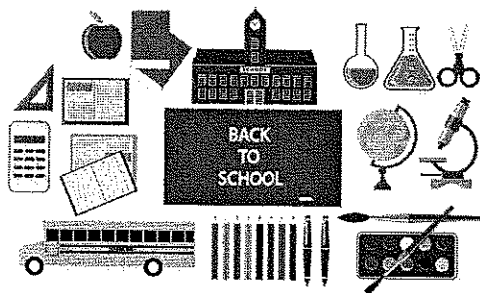


4th Grade Supplies for the 2021-2022 School Year

Notebooks	Quantity
3-Subject Marble Notebook for Math <ul style="list-style-type: none"> • Label the front of EVERY notebook with student's first and last name along with the SUBJECT name prior to the first day of school (i.e. Joe Jones. MATH.) 	1
3-Subject Marble Notebook for Science	1
3-Subject Marble Notebook for Reading	1
3-Subject Marble Notebook for Writing	1
3-Subject Marble Notebook for Social Studies	1
1-Subject Marble Notebook for Spelling/Vocab (combined)	1
1-Subject Marble Notebook for Spanish/Music (combined)	1
1-Subject Notebook for Poetry	1
Folders	
Home Folder (H Folder) Vinyl <ul style="list-style-type: none"> • Goes from home to school daily • Label the outside with student's first and last name • Please consider purchasing extras and keeping them on hand at home until needed as folders tend to deteriorate rapidly 	1
Class Folder (C Folder) Vinyl <ul style="list-style-type: none"> • For Classroom Use • Label the outside with student's first and last name 	1
Two-Pocket Folder <ul style="list-style-type: none"> • Put a label on the outside with student's full name • Label one inside pocket as "Music" and the other inside pocket as "Spanish" 	1
Other Supplies	
Child-safety Scissors (labeled with student initials)	1
Pencil Bag <ul style="list-style-type: none"> • This will no longer be provided by the school, so please purchase a bag that will fit neatly in your backpack and desk 	1
Small, personal pencil sharpener <ul style="list-style-type: none"> • Consider buying extras to use throughout the year 	1
12" wooden or plastic ruler	1
A package or box of sharpened #2 pencils <ul style="list-style-type: none"> • Place a few in your pencil bag to start. Remind your child to bring two new pencils to school each week as the pencils get used up and lost quickly! Consider donating a box to the classroom if possible. 	1 or 2
Protractor for math class	1
Glue bottle <ul style="list-style-type: none"> • Labeled with student's first and last name. These will be given to the teacher to store within the classroom. 	1
Glue sticks <ul style="list-style-type: none"> • Labeled with student initials. • Keep ONE in your pencil bag at all times. 	8

<ul style="list-style-type: none"> Buy extras and keep them at home so that your child can replenish supplies when needed, which is often. 	
Black, blue and red pens	Enough for the year
Good erasers <ul style="list-style-type: none"> Place one in your pencil bag to start and keep extras at home. Remind your child to bring a new eraser to school when needed. 	Enough for the year
Package of colored-pencils (12 or 24-count) <ul style="list-style-type: none"> Labeled with student name May need to be replenished at some point during the year 	1
Highlighters (two or three different colors)	2 or 3
Box of crayons labeled with student name (12- or 24-count) <ul style="list-style-type: none"> May need to be replenished at some point during the year 	1
Post-It Notes <ul style="list-style-type: none"> Please give to Mrs. Jennings on the first day of school. These will be stored for future use on projects. 	2
Small, white index cards <ul style="list-style-type: none"> Please give to Mrs. Jennings on the first day of school. These will be stored for future projects. 	1
Sketchbook for Art Class (labeled with student name). (You may use the one from last year if there is still room in it.)	1
Inexpensive earbuds or headphones with microphone for Media Class <ul style="list-style-type: none"> Place in a Ziploc baggie and clearly label with student's full name and homeroom You may use the ones from last year if they are in good working order 	1
Supplies Provided by the School	
Planners <ul style="list-style-type: none"> An academic planner will be given to each 4th grade student. You do not need to buy one. 	1

** Please note that it might be a good idea to purchase extras of some school supplies as children go through some of these items quickly and often such as glue sticks, pencils, pens, crayons, folders, and erasers. Additionally, some items tend to get lost. Remind your child to bring their pencil bags home often to be refilled.*



June 1, 2021

Dear Rising Fourth Grade Students and Parents,

We hope you enjoyed third grade, and it is with great anticipation that we welcome you to fourth grade. We look forward to a busy, fun-filled, and productive year! We want all students to have a positive start to the new school year, and so we have prepared some summer work to keep your skills sharp and to keep learning moving in a positive direction. The summer work is to be completed during vacation and is to be turned in to the homeroom teacher on the first day of school. Please note that the summer work will count as your first ELA assessment of the new school year. We have also shared some recommendations for academic growth during the summer months. So... Happy reading! Happy summer! We look forward to seeing you in September!

REQUIRED SUMMER ELA WORK - ASSIGNMENT #1: FICTIONAL READING

1. Read two fictional books of your choice and record them on the attached Mandatory Summer Reading log. The only requirements are that the books are not ones you have read before and that they fall within your reading range. Parent and student should sign the completed reading log.
2. Next, choose **one** of your summer **fictional** books to use for the following assignment. From the reading menu below, select one appetizer, one main dish, two side dishes, and one dessert from each section below. You may even choose extra items if you'd like. When you have chosen your five "courses" from the tasty reading menu, you may write your paragraphs on the attached "Menu Report".

APPETIZERS (Pick One)	MAIN DISHES (Pick One)	SIDE DISHES (Pick Two)	DESSERTS (Pick One)
Write a complete paragraph telling how the cover of the book prepared you for the story. <i>(Note: all paragraphs should be a minimum of five sentences.)</i>	Write a complete paragraph that tells about the story's main conflict?	Write a complete paragraph telling which character you would like to meet and why.	Write three questions you would like to ask the author. Tell why you want to know the answers to these questions.
Write a complete paragraph telling why the author chose the book's title.	Write a complete paragraph telling what moral or lesson could be learned from the story.	Write a complete paragraph that tells about a main event from the story.	Write a complete paragraph that tells another way this story could have ended.
Write a complete paragraph describing one of the settings within the story.	Write a complete paragraph telling how the main character grew and changed.	List and define five interesting vocabulary words from the story. Use each word properly in a sentence.	Write a book review that would encourage other kids to read this story.

REQUIRED SUMMER ELA WORK - ASSIGNMENT #2: NONFICTION READING

1. Read two nonfiction (informational) books of your choice and record them on the attached Mandatory Summer Reading log. The only requirements are that the books be ones you have not read before and that they fall within your reading range. Parent and student should sign the completed reading log.
2. Next, choose **one** of your summer **nonfictional** books to use for the following assignment:
 - a. Write 10 test questions about your nonfiction book. The questions may not be "Yes" or "No" questions. Be sure to provide answers for the test questions. You may write your test questions and answers on the attached page found in this packet.

ADDITIONAL RECOMMENDATIONS

Below are some recommendations that will help progress your skills and better prepare you for fourth grade:

- We suggest you purchase the **Summer Bridge Activities (Grades 3-4) workbook** as a means of reviewing, reinforcing, and mastering important academic skills. It can usually be found at Barnes & Noble or Amazon. It has a great variety of skill practice with Reading, Math, Science, and Social Studies. It is also conveniently divided up into daily 15-minute sessions. It is a great resource, and daily practice can help prevent the summer slide.
- Join the **summer reading program at your local library** (<http://www.franklintwp.org/>). Research tells us that students who do not read over the summer may lose a month or more of reading progress.
- You can also join the **Scholastic Summer Reading Program**. Go to this link for more information: <https://www.scholastic.com/summer/home/>
- Check out the **Barnes and Noble** website for lots of summer book recommendations. https://www.barnesandnoble.com/b/summer-reading/_/N-2m39
- Try to **read at least one book a week**. Explore different genres (historical fiction, biographies, nonfiction, science fiction, etc.) as well as different types of reading materials (newspapers, comics, magazines, etc.).
- Don't let your **writing skills** have a dull summer! Keep them sharp by using a summer journal, writing letters to family and friends, making shopping lists for the family, writing creative short stories, creating poetry, and so much more!
- As you travel, explore, and play over the summer, be mindful of building your **vocabulary** and learning something new from your **experiences**.
- **IXL** will be available to all students during the summer months. Be sure to log on a few times a week and practice various skills.
- Build **mastery and automaticity** with your math facts (addition, subtraction, multiplication, and division) over the summer. When you know your math facts, it makes learning and applying new concepts so much easier!
- For division, remember this rule: Divide, Multiply, Subtract, Bring Down, Repeat, Remainder.
- Get lots of practice with money. Count coins and bills. Make change. Play money games. Also, be sure to get lots of practice telling time on an analog clock.
- Build. Create. Learn New Skills. Be sure to play with blocks, Legos, recyclables, and more. Building and creating are good for the brain. Set some goals, and learn some new skills over the summer. Perhaps you want to learn to cook, grow a garden, create a scrapbook, or build a birdhouse. Ask an adult to help you achieve new and exciting skills.
- Play lots of board games and card games with your family and friends. These help develop reading, math, thinking, cooperation, and strategy skills. Plus, they're lots of fun!
- For kids who like technology, there are plenty of internet sites and apps that enable students to learn new content and practice skills.
- Be sure to check the 4th grade websites and your Google classrooms over the summer months for important information.

We wish you all a safe, healthy, and happy summer. See you in September!

Sincerely,

Mrs. Jennings & Mrs Vattelana

Student Name: _____

Summer Reading Log

Use this log to record the two mandatory fiction books and the two mandatory nonfiction books. You can also use the logs to record all the other books that you are choosing to read over the long summer. I can't wait to hear about all the exciting books you've read!

#	Date	Title of Book	Author	Fiction (F) or Nonfiction (NF)
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				

Student Signature _____

Parent Signature _____

Student Name: _____

Menu Report

Use this page for your FIVE fictional menu report assignments. If you need more room, you may write on the back of the page or staple a new page to the back. You are also free to use your own notebook paper.

APPETIZER

MAIN DISH

STUDENT NAME _____

SIDE DISH #1

SIDE DISH #2

DESSERT

Student Name: _____

Nonfiction Book - Test Questions and Answers

On this page, please write ten test questions for one of your nonfiction books. The questions may not be "yes" or "no" questions. Please include the answers for each question.

Q1	
A1	
Q2	
A2	
Q3	
A3	
Q4	
A4	
Q5	
A5	
Q6	
A6	

Q7	
A7	
Q8	
A8	
Q9	
A9	
Q10	
A10	

Student Name: _____



170 John F. Kennedy Blvd., Somerset, NJ 08873 (732) 828-1402

June 11, 2021

Dear Incoming Grade 4 Students:

Congratulations, and welcome to the Fourth Grade! Below you will find the **Summer Packet for Mathematics** which is to be completed before we return to school in September 2021.

This assignment will count as your first official scores in the subject area so be attentive to the quality of your work as well as the responses. When you are computing problems that require steps or sentences in response be sure to show all of your work for full credit.

*Please be aware that you are only responsible to complete the **EVEN NUMBERS** on each page unless otherwise stated. Should you choose to complete the odd numbers as well the extra practice will serve you well; but is not needed to complete the assignment.

*In conclusion, the completed assignment is due on ***the first day of School*** in September.

I am excited to meet each of you and spend the year learning as much as we can!

Thank You for your cooperation & Enjoy the Summer,

Mrs. Donna Vattelana,

SMS Teacher- Mathematics & Science, Gr 4A
DVattelana@StMatthiasnj.org

Mission Statement:

Saint Matthias School, in partnership with the Catholic Community of Saint Matthias and our school families, provides an educational foundation that celebrates diversity, and nurtures students to develop moral values and life skills. We strive to engage each student spiritually and academically in a Christ-centered environment, to prepare them to live as disciples and citizens.

Grade 3 Math concepts covered in this packet

Concept	Practice	Fluency and Skills Practice
Understanding Multiplication Concepts	1	Understanding of Multiplication Models..... 4
Practicing Multiplication Facts	2	Multiplying with 2, 5, and 10..... 5
	3	Multiplying with 0 and 1..... 6
	4	Multiplying with 3..... 7
	5	Multiplying with 4..... 8
	6	Multiplying with 6..... 9
	7	Multiplying with 7..... 10
	8	Multiplying with 8..... 11
Using Properties of Multiplication	9	Multiplying with 9..... 12
	10	Using Order to Multiply..... 13
	11	Using Grouping to Multiply..... 14
Understanding Division Concepts	12	Using Order and Grouping to Multiply..... 15
	13	Understanding of Division Models..... 16
Practicing Division Facts	14	Understanding of How Multiplication and Division Are Connected..... 17
	15	Working with Division Facts..... 18
	16	Using a Multiplication Table..... 19
	17	Understanding of Patterns..... 20

Grade 3 Math concepts covered in this packet (Continued)

Concept	Practice	Fluency and Skills Practice
Solving Word Problems with Multiplication and Division	18	Solving Problems About Equal Groups 21
	19	Solving Problems About Arrays..... 22
	20	Solving Problems About Area 23
	21	Solving Two-Step Word Problems Using Two Equations..... 24
	22	Solving Two-Step Word Problems Using One Equation..... 25
	23	Estimating Solutions to Word Problems..... 26
Understanding Fraction Concepts	24	Describing Parts of a Whole with Fractions 27
	25	Understanding of Fractions on a Number Line 29
Telling Time	26	Telling Time to the Minute 31

Even Numbers Only

Multiplying with 3

Name: _____

Multiply.

1 $2 \times 3 =$ _____ 2 $3 \times 2 =$ _____ 3 $10 \times 3 =$ _____ 4 $3 \times 10 =$ _____

5 $5 \times 3 =$ _____ 6 $3 \times 5 =$ _____ 7 $4 \times 3 =$ _____ 8 $3 \times 4 =$ _____

9 $9 \times 3 =$ _____ 10 $3 \times 9 =$ _____ 11 $1 \times 3 =$ _____ 12 $3 \times 1 =$ _____

13 $8 \times 3 =$ _____ 14 $3 \times 8 =$ _____ 15 $6 \times 3 =$ _____ 16 $3 \times 6 =$ _____

17 $7 \times 3 =$ _____ 18 $3 \times 7 =$ _____ 19 $0 \times 3 =$ _____ 20 $3 \times 3 =$ _____

21 Tell how you could check that your answer to problem 9 is correct.

22 Draw a model to show how you solved one of the problems.

Even Numbers Only

Multiplying with 7

Name: _____

The answers are mixed up at the bottom of the page. Cross out the answers as you complete the problems.

1 $3 \times 7 =$ _____

2 $6 \times 7 =$ _____

3 $8 \times 7 =$ _____

4 $2 \times 7 =$ _____

5 $9 \times 7 =$ _____

6 $1 \times 7 =$ _____

7 $7 \times 0 =$ _____

8 $10 \times 7 =$ _____

9 $4 \times 7 =$ _____

10 $5 \times 7 =$ _____

11 $7 \times 3 =$ _____

12 $0 \times 7 =$ _____

13 $7 \times 2 =$ _____

14 $7 \times 10 =$ _____

15 $7 \times 4 =$ _____

16 $7 \times 1 =$ _____

17 $7 \times 5 =$ _____

18 $7 \times 7 =$ _____

Answers

14	63	35	70	0	42
7	28	14	21	56	21
28	0	70	49	35	7

Even Numbers Only

Multiplying with 9

Name: _____

The answers are mixed up at the bottom of the page. Cross out the answers as you complete the problems.

1 $1 \times 9 =$ _____

2 $6 \times 9 =$ _____

3 $7 \times 9 =$ _____

4 $2 \times 9 =$ _____

5 $8 \times 9 =$ _____

6 $3 \times 9 =$ _____

7 $0 \times 9 =$ _____

8 $10 \times 9 =$ _____

9 $4 \times 9 =$ _____

10 $5 \times 9 =$ _____

11 $9 \times 3 =$ _____

12 $9 \times 8 =$ _____

13 $9 \times 2 =$ _____

14 $9 \times 10 =$ _____

15 $9 \times 4 =$ _____

16 $9 \times 7 =$ _____

17 $9 \times 5 =$ _____

18 $9 \times 9 =$ _____

Answers

63

45

18

81

90

36

72

54

27

36

72

63

90

0

18

9

27

45

Understanding of Division Models

Name: _____

- 1** Draw a model to show $12 \div 6$. Show 6 equal groups. How many are in each group?

There are 12 in all. There are 6 equal groups. There are _____ in each group.

$$12 \div 6 = \underline{\hspace{2cm}}$$

- 2** Draw a model to show $12 \div 6$. Show 6 in each group. How many groups are there?

There are 12 in all. There are 6 in each group. There are _____ groups.

$$12 \div 6 = \underline{\hspace{2cm}}$$

- 3** Draw an array to find $21 \div 3$.

- 4** Draw an array to find $20 \div 4$.

$$21 \div 3 = \underline{\hspace{2cm}}$$

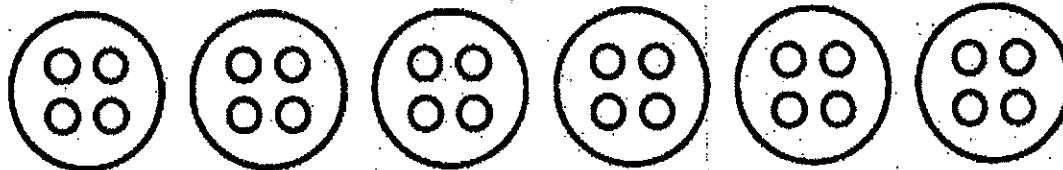
$$20 \div 4 = \underline{\hspace{2cm}}$$

- 5** What situation could be modeled with the equation $40 \div 8 = 5$?

Please Complete All Numbers.

Understanding of How Multiplication and Division Are Connected

Name: _____



- 1** There are 24 marbles. Each bag has 4 marbles.

Write an equation that shows the number of bags.

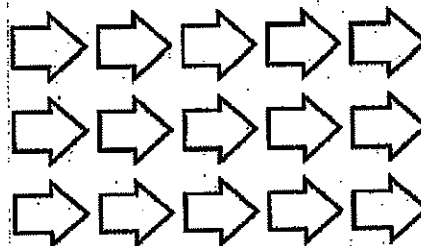
- 2** There are 24 marbles. An equal number of marbles are in 6 bags.

Write an equation that shows the number of marbles in each bag.

- 3** There are 6 bags of marbles. 4 marbles are in each bag.

Write two different equations that show the total number of marbles.

- 4** Write 2 multiplication equations and 2 division equations for this array.



Find the value of ? to complete each fact.

5 $6 \times ? = 48$

$48 \div 6 = ?$

$? =$ _____

6 $? \times 5 = 45$

$45 \div ? = 5$

$? =$ _____

7 $63 \div 9 = ?$

$? \times 9 = 63$

$? =$ _____

8 $32 \div ? = 8$

$8 \times ? = 32$

$? =$ _____

Even Numbers Only

Working with Division Facts

Name: _____

The answers are mixed up at the bottom of the page. Cross out the answers as you complete the problems.

1 $40 \div 4 =$ _____

2 $18 \div 3 =$ _____

3 $24 \div 4 =$ _____

4 $24 \div 8 =$ _____

5 $14 \div 2 =$ _____

6 $40 \div 8 =$ _____

7 $42 \div 7 =$ _____

8 $64 \div 8 =$ _____

9 $32 \div 8 =$ _____

10 $56 \div 8 =$ _____

11 $27 \div 9 =$ _____

12 $28 \div 7 =$ _____

13 $72 \div 8 =$ _____

14 $90 \div 9 =$ _____

15 $54 \div 9 =$ _____

16 $48 \div 8 =$ _____

17 $49 \div 7 =$ _____

18 $27 \div 3 =$ _____

Answers:

4	4	9	6	7	10
5	10	3	3	6	7
8	6	6	7	6	9

Solving Problems About Equal Groups

Name: _____

Read and solve each problem. Show your work.

- 1** Heather has 18 photographs of rockets. She wants to hang them on 3 different walls in her room. Each wall will have the same number of photographs. How many photographs will hang on each wall?

There will be _____ photographs on each wall.

- 2** There are 24 people who want to play volleyball. The coach divides the players into teams of 6. How many teams can she make?

The coach can make _____ teams.

- 3** At an art show, there are 7 groups of paintings with 6 paintings in each group. How many paintings are there in all?

There are _____ paintings.

- 4** Jasmine reads for 10 minutes each night. If she reads for 5 nights, how many minutes will she read in all?

Jasmine will read for _____ minutes.

- 5** Rhonda plants 28 tomato plants in her garden. She plants 7 tomato plants in each row. How many rows does she plant?

Rhonda plants _____ rows.

- 6** Mr. Jones buys 6 packages of pencils. There are 8 pencils in each package. How many pencils does Mr. Jones buy?

Mr. Jones buys _____ pencils.

- 7** Choose one problem. Describe the strategy you used to solve it.

Solving Problems About Area

Name: _____

Read and solve each problem. Show your work.

- 1** Nya covers a rectangular tray with 1-square-inch tiles. She uses 42 tiles, arranged in 7 rows. How many tiles are in each row?

There are _____ tiles in each row.

- 3** Sara covers the top of a box with squares of paper that are 1 square centimeter. She uses 48 squares, with 6 squares in each row. How many rows did she make?

Sara made _____ rows.

- 5** A rectangular patio at an outdoor restaurant is made of 35 tiles. Each tile is 1 square yard. If there are 5 tiles in each row, how many rows are there?

There are _____ rows of tiles.

- 2** Jacob uses tiles to cover a rectangular hallway. Each tile has an area of 1 square foot. He uses 3 rows of tiles, with 8 tiles in each row. What is the area of the hallway?

The area of the hallway is _____ square feet.

- 4** There are 64 squares on Rasha's chessboard. Each square is 1 square inch. There are 8 rows of squares on her chessboard. How many squares are in each row?

There are _____ squares in each row.

- 6** Mr. Reilly uses square pieces of fabric that are each 1 square inch for a rectangular wall hanging. He uses 81 squares. If he makes 9 rows of squares, how many squares will be in each row?

There will be _____ squares in each row.

- 7** Choose one problem. Describe the strategy you used to solve it.

- 8** Explain why you chose that strategy to solve the problem.

Solving Two-Step Word Problems Using Two Equations

Name: _____

Read and solve each problem by writing an equation for each step. Use letters for the unknown numbers. Show your work.

- 1** Hiram has 12 cups of flour in a bag and 6 cups of flour in a jar. He is making batches of bread that each call for 3 cups of flour. How many batches of bread can Hiram make?

Hiram can make _____ batches of bread.

- 2** Cassi bought 50 pounds of dirt. She used 10 pounds to fill a hole in her yard. Then she filled pots with 5 pounds of soil in each pot. How many pots could she fill?

Cassi can fill _____ pots.

- 3** Becky has 6 packages of clay that each weigh 5 pounds. To make a bowl, she needs 3 pounds of clay. How many bowls can Becky make?

Becky can make _____ bowls.

- 4** Marc has 36 pounds of apples to use to make pies. He uses 4 pounds of apples for each pie. Marc uses all of the apples to make pies, and then sells each pie for \$8. How much money does Marc collect for all the pies?

Marc collects \$ _____ for all the pies.

- 5** Choose one problem. Tell how you could solve the problem in a different way.

Please complete All Numbers.

**Describing Parts of a Whole
with Fractions** *continued*

Name: _____

9 Draw a circle that shows 4 equal parts. Then shade to show $\frac{2}{4}$.

10 Draw a rectangle that shows 3 equal parts. Then shade to show $\frac{2}{3}$.

11 Draw a square that shows 8 equal parts. Then shade to show $\frac{3}{8}$.

12 Draw a circle that shows 6 equal parts. Then shade to show $\frac{5}{6}$.

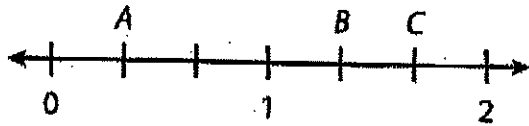
Please complete All Numbers.

Understanding of Fractions on a Number Line *continued*

Name: _____

Set C

Use this number line to solve problems 5–7.



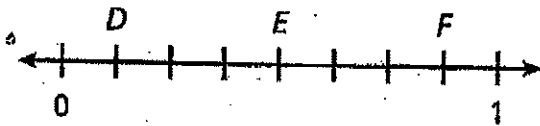
5 A is _____.

6 B is _____.

7 C is _____.

Set D

Use this number line to solve problems 8–10.



8 D is _____.

9 E is _____.

10 F is _____.

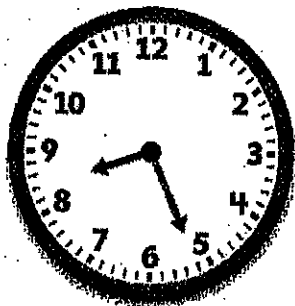
Please complete All Numbers.

Telling Time to the Minute

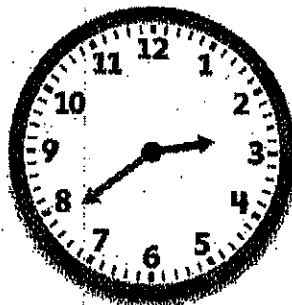
Name: _____

Write the time the clock shows.

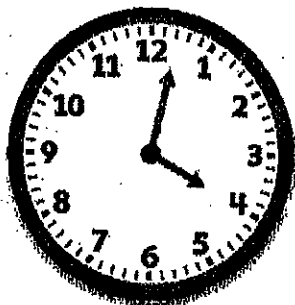
1



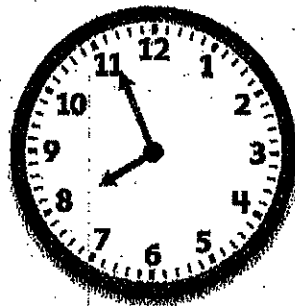
2



3



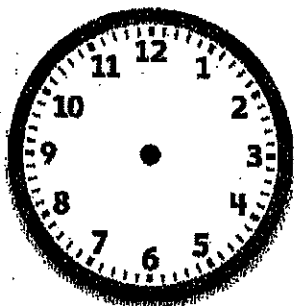
4



Draw hands on the clock to show the given time.

5

16 minutes after 1



6

7 minutes before 9

