Welcome to 4th Grade!

Reading is a great way to keep your brain sharp during the summer months. This summer, you will have 2 required reading assignments (one Nonfiction and one Fiction) as well as an optional "pleasure reading" task. Students will also complete a Summer Math Packet, which reviews all math concepts learned.

Tasks:

☐ **Nonfiction Required Reading**: Read and discuss *The Boy Who Harnessed the Wind*, by William Kamkwamba (picture book edition). After reading, write 3 discussion questions that you will share with your class during our September Book Club Meeting. Use the "Discussion Question" sheet attached to write all questions.

☐ **Fiction Required Reading**: Choose and read ONE of the five Kate DiCamillo novels (Tiger Rising, Raymie Nightingale, Flora and Ulysses, or The Miraculous Journey of Edward Tulane) and then complete the Fiction Book Report attached. **The Book Report will be graded and should be done neatly with careful attention to detail, spelling, punctuation, and capitalization.**

Choose one:
Tiger Rising by Kate DiCamillo – (RL 4.0)
Raymie Nightingale by Kate DiCamillo – (RL 4.2)
Flora and Ulysses by Kate DiCamillo – (RL 4.3)
The Miraculous Journey of Edward Tulane by Kate DiCamillo – (RL 4.4)

** *Please DO NOT read Because of Winn Dixie* by Kate DiCamillo *as our 4th grade classes will be reading the novel as a shared reading experience as part of our 4th grade curriculum.*

☐ ***(Optional)* Pleasure Reading**: Read a few books of interest from the 2018-2019 Delaware County Reading Olympics list attached. The Reading Olympics Program is offered during the school year to 4th and 5th Graders at SKS. If you think your child is interested in joining the Reading Olympics Team, then get a head start and begin reading! Record all books read this summer on the Reading Log attached.

☐ **Summer Math Packet**: sharpen skills by practicing place value, addition, subtraction, graphs, multiplication. division, time, and geometry concepts.

☐ **School Supplies**: The list of necessary supplies for 4th Grade is also posted below.

Due Dates: All Summer work is due back on the first day of school ~ Sept. 5, 2018

Have a great summer!
Mrs. Kilpatrick & Mrs. Stefan

4th Grade Fiction Book Report

*Please select one of the 4 books by Kate DiCamillo as the focus of this book report.

Your Name: _____

Title of Book You Read:_____

Author: _____

Please answer in complete sentences. Attach a piece of loose leaf paper if you need more room to write. Neatness, spelling, punctuation, and capitalization counts!

1. Setting: (Where does the story take place?)

_____

_____

_____

2. DESCRIBE your favorite character in the book. List 4 words to describe this particular character (character traits) and the reasons why you chose these descriptive words. Then, write WHY you like this character.

_____

_____

_____

_____

_____

_____

_____

3. Write three similarities and three differences between YOU and any character in the book.

Your Name: _____ Character's Name: _____

Similar:	Different:
1. _____	1. _____
2. _____	2. _____
3. _____	3. _____

4. Describe the main events in the story.

Beginning:

_____

_____

_____

_____

_____

Middle:

_____

_____

_____

_____

_____

End:

5. There are many problems (conflicts) in the story. Choose one problem in the story to discuss and explain how these problems were solved (resolution). Use text evidence to support your answer.

6. I would/would not recommend this book to a friend because...

7. Use one of the following prompts and write 5 -7 sentences about your book.

I'm wondering...	I can't believe...
I noticed...	My favorite part was...
This book reminds me of...	I was surprised...

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

8. Create a cover for your Fiction Book Report. Include the title, author, your name, and a colorful drawing of your favorite scene in the book. Under the picture, write a "caption" telling what the scene is about. Please attach this cover to the Book Report.

Name _____

4th Grade Summer Reading Log

Book Title	Author	Date Started	Date Finished	Rating
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				

4th and 5th Grade Reading Olympics Team

If your child plans to participate in 4th/5th Grade Reading Olympics (optional) this coming school year, then please encourage them to get a head start on reading this summer.

	Title	Author	RL	Genre	pages
1.	Barbed Wire Baseball	Moss, Marissa	5	NF	39
2.	Belly Up	Gibbs, Stuart	5.6	MYS	306
3.	BFG, The	Dahl, Roald	4.9	Fan	219
4.	Book Scavenger	Bertman, Jennifer Chambliss	5.5	MYS	367
5.	Can You Survive Storm Chasing	Raum, Elizabeth	6	NF	112
6.	Charlie and the Chocolate Factory	Dahl, Roald	5.9	HUM	161
7.	Charlie Bumpers vs the Teacher of the Year	Harley, Bill	3.3	RF	138
8.	Chasing Vermeer	Balliett, Blue	5.4	MYS	254
9.	Dear Mr. Henshaw	Clearly, Beverly	5	RF	133
10	Dragonet Prophecy: The (Wings of Fire #1)	Sutherland, Tui	5	FAN	304
11.	Ereth's Birthday	Avi	4.8	FAN	180
12.	Evolution of Calpurnia Tate, The	Kelly, Jaqueline	5.3	HF	349
13.	Firegirl	Abbott, Tony	6	RF	145
14.	Flora and Ulysses, the Illuminated Adventure	DiCamillo, Kate	4.3	FAN	231
15.	Flush	Hiaasen, Carl	5.9	RF	195
16.	Garvey's Choice	Grimes, Nikki	3.6	RF	117
17.	Ghosts	Telgemeier, Raina	2.6	GN	258
18.	Ida B...and Her Plans to Maximize Fun, Avoid Disaster, and (Possibly) Save the World	Hannigan, Katherine	5.3	RF	261
19.	Island Book One: Shipwreck	Korman, Gordon	4.6	AF	129
20.	Island of the Blue Dolphin	O'Dell, Scott	5.5	RF	189
21.	Jake and Lily	Spinelli, Jerry	3.2	RF	322
22.	Joey Pigza Loses Control	Gantos, Jack	5.9	RF	195
23.	Last Shot: A Final Four Mystery	Feinstein, John	6.4	MYS	251
24.	Leon's Story	Tillage, Leon Walter	6	BIO	107
25.	Lost Treasure of Tuckernuck, The	Fairlie, Emily	4.2	MYS	283
26.	Martina & Chrissie:	Bildner, Phil	3.5	NF	41
27.	Maze of Bones, The (39) Clues	Riordan, Rick	4.5	RF	220
28.	Mouse and the Motorcycle, The	Clearly, Beverly	5.6	FAN	158
29.	Nick and Tesla's High Voltage Danger Lab	Pflugfelder, Bob	4	SF	237
30.	Orphan of Ellis Island, The	Woodruff, Elvira	5.5	SF	174
31.	Poet's Dog, The	MacLachlan, Patricia	3.7	AF	88
32.	Raymie Nightingale	DiCamillo, Kate	4.2	RF	273
33.	Rules	Lord, Cynthia	3.5	RF	200
34.	Sarah, Plain, and Tall	MacLachlan, Patricia	4.2	HF	58
35.	Save Me a Seat	Weeks, Sarah	4.8	RF	163
36.	Some Writer! The Story of E.B. White	Sweet, Melissa	6.5	BIO	178
37.	Tragic Tale of the Great Auk	Thornhill, Jan	6.5	NF	44
38.	Tut, Tut	Scieszka, John	3.5	SF	74
39.	War that Saved My Life	Bradley, Kimberly Brubaker	4.1	HF	316
40.	We the Children	Clements, Andrew	5.2	MYS	129
41.	When You Reach Me	Stead, Rebecca	5.7	RF/SF	199
42.	Where the Mountains Meets the Moon	Lin, Grace	5.5	FAN	178
43.	Who Was Daniel Boone?	Kramer, Sydelle	4.1	BIO	116
44.	Wild Robot	Brown, Peter	5.1	SF	202
45.	Windcatcher	Avi	5.3	MYS	124

4th Grade Supply List
Label all supplies

- ☐ 1 pack of loose-leaf paper
- ☐ **Zippered** pencil case (that will hold all pens, pencils, erasers, ect.)
- ☐ 1 pack of 10 - #2 pencils (sharpened) and manual sharpener
- ☐ Pens (blue or black, and 2 red)
- ☐ Highlighters (2)
- ☐ Markers
- ☐ Colored pencils
- ☐ Crayons
- ☐ Glue Sticks (4)
- ☐ Scissors
- ☐ Ruler / Protractor
- ☐ 3- 4x6 packs of index cards and a file box
- ☐ 1 pack multi-colored construction paper
- ☐ 4 Book socks: 1 extra large, 3 large
- ☐ 1 picture of your child for the bulletin board

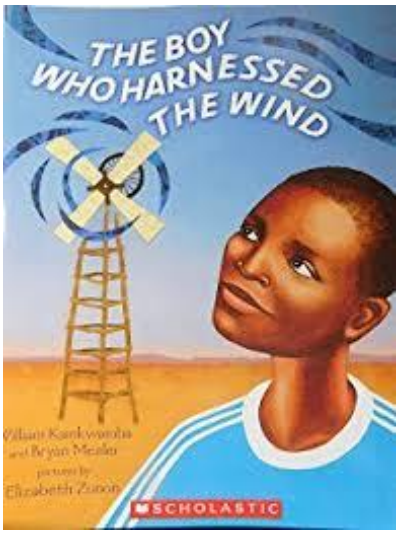
Class Supplies:

☐ 2 boxes of tissues ☐ 1 roll paper towels ☐ 1 container disinfectant wipes

** **Art Supply Box** will be provided for each student

****Special Note:** All other supplies have been ordered through Mrs. Hodgens / Becker School Supplies

SKS Nonfiction Book Club
Summer 2018



Required Reading:
The Boy Who Harnessed the Wind
(picture book edition) by William Kankwamba

Assignment: Entering 4th Grade

1. Read *The Boy Who Harnessed the Wind* (picture book edition) for pleasure.
2. After reading, write 3 discussion questions that you will share with your class during our September Book Club Meeting.
3. Use the attached sheet to write all questions.
4. Remember your job is to create a list of questions that will help to discuss the book you are reading together. Don't worry about the details. Try to create questions that will make your group really think. The best discussion questions usually come from your own thoughts, feelings, and concerns as you read.
4. Use the "Start a Discussion" question stems if you need help getting started.

Start a Discussion!

Where did...	**Why did the main character…**
Why would...	**What do you think……**
I wonder why...	**Did you like…**
When did…	**Have you ever…**
What if…	**What caused…**

Name _____

The Boy Who Harnessed the Wind
Discussion Questions

Question #1

_____

_____

_____

Question #2

_____

_____

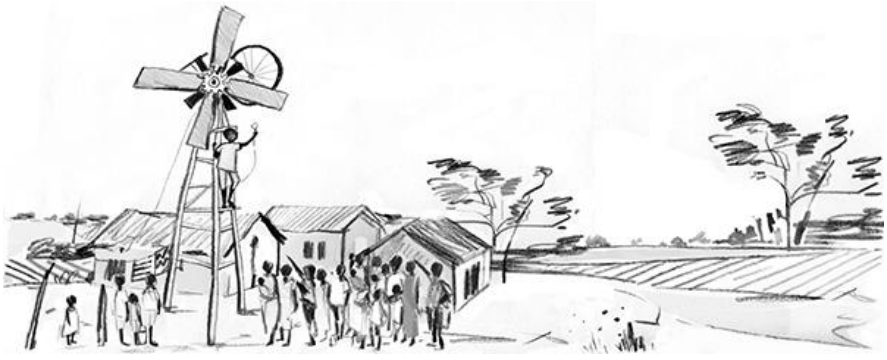
_____

Question #3

_____

_____

_____



Welcome to 4th Grade!

_____'s

Summer Math Packet

This packet is to be handed into your teacher the first week of school. Please remember it will be graded.

Place Value Review

Match the letters with the place value

A	F	D		C	B	E
5	8	3	,	1	0	4

_____ ones _____ tens _____ hundreds

_____ thousands _____ ten thousands _____ hundred thousands

Write the **place value** of the underlined digit.

5<u>4</u>3 _____

<u>5</u>6,872 _____

2<u>1</u> _____

What is the **value** of the underlined digit? (Think: What is it worth?")

<u>6</u>79 _____ 34<u>5</u> _____

<u>9</u>8,800 _____ 6<u>9</u>0 _____

<u>2</u>21 _____ <u>5</u>00,000 _____

Read the number below. Then write it 2 different ways.

3, 407

Word Form: _____

Expanded Form: _____

Common Core Standards

3.NBT.1 Use place value understanding and properties of operations to perform multi-digit arithmetic

3.NBT.2 Fluently add and subtract within 1,000 using strategies and algorithms on place value, properties of operations, and/or the relationship between addition and subtraction

Use place value to add or subtract. (Don't forget to show your work if you need to regroup or borrow.)

738	519	258	127	973
- 227	+ 347	+ 565	+ 290	- 869
900	545	376	73	294
- 158	+ 139	- 148	- 22	+ 332
537	734	164	437	356
- 428	- 327	+ 230	+ 184	+ 442
56	761	600	491	271
+ 32	- 489	- 398	- 51	+ 425

A television program lasts for 120 minutes. Of that time, 36 minutes are taken up by commercials. What is the length of the actual program without the commercials?

_____ minutes

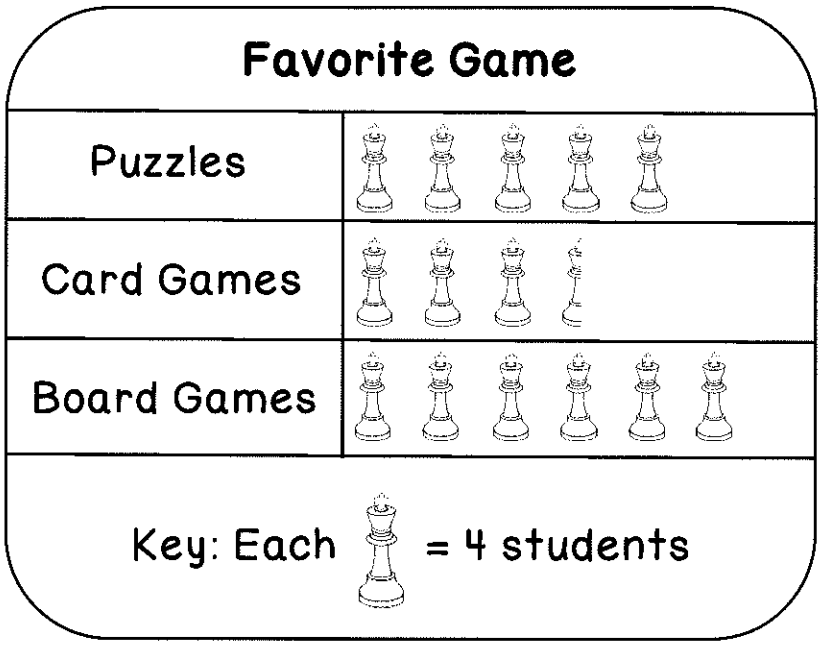
Mark has 215 baseball cards. Emily has 454 baseball cards. How many baseball cards do Mark and Emily have altogether?

_____ baseball cards

Common Core Standards

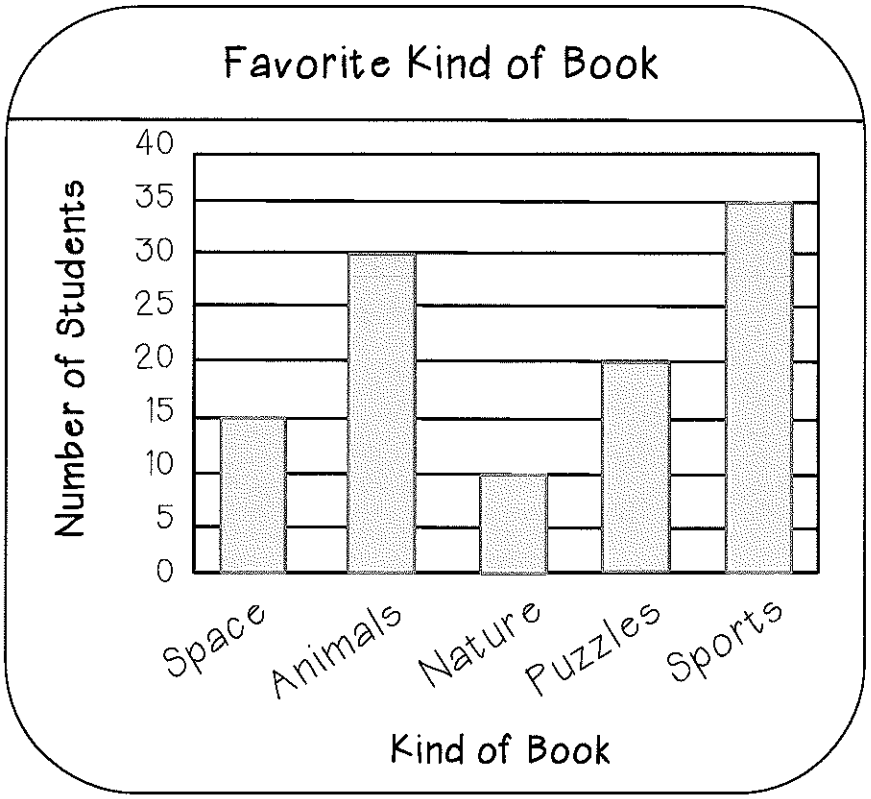
3.MD.3 Represent and interpret data; Draw a scaled picture graph and a scaled bar graph to represent a data set with several categories. Solve one and two step "how many more" and "how many less" problems using information presented in scaled bar graphs

Answer the following questions using the pictograph below.



- How many students chose puzzles? _____ students
- How many fewer students chose card games than board games?_____ students
- Which two types of games did a total of 34 students choose?_____ and _____
- How many students were surveyed? _____ students
- How many students did not choose card games? _____ students
- What if computer games were added as a choice and more students chose it than puzzles, but fewer students chose it than board games? How many students would choose computer games? _____ students

Answer the following questions using the bar graph below.



1. Which kind of book was chosen by half of the number of students as books about animals? _____
2. Did more students choose books about sports or books about animals and nature together? _____
3. Which two kinds of books together did students choose as often as books about sports? _____ and _____
4. How many more students chose sports than puzzle? _____ students
5. How many fewer students chose space than animals? _____ students
6. Write and solve a problem that matches the data on the graph.

_____

_____

_____

Common Core Standards

3.OA.4 Determine the unknown whole number in a multiplication or division equation relating three whole numbers

3.OA.6 Understand division as an unknown factor problem

Find the missing factor.

▲ x 8 = 64	m x 4 = 28	5 x ♥ = 40	w x 7 = 35
▲ = _____	m = _____	♥ = _____	w = _____
30 = d x 3	56 = 8 x ★	b x 6 = 54	7 x k = 42
d = _____	★ = _____	b = _____	k = _____

Complete the equations.

4 x _____ = 28	7 x _____ = 35	9 x _____ = 27
28 ÷ 4 = _____	35 ÷ 7 = _____	27 ÷ 9 = _____
4 x _____ = 36	8 x _____ = 40	2 x _____ = 16
36 ÷ 4 = _____	40 ÷ 8 = _____	16 ÷ 2 = _____

Use fact families to help you find the missing number.

4 x 9 = _____	_____ x 7 = 35	6 X _____ = 18
9 x _____ = 36	_____ x 5 = 35	3 x 6 = _____
36 ÷ _____ = 9	_____ ÷ 7 = 5	18 ÷ _____ = 3
_____ ÷ 4 = 9	35 ÷ 5 = _____	_____ ÷ 3 = 6

Common Core Standards

3.OA.3 Use multiplication and division within 100 to solve word problems in situations involving equal groups, arrays, and measurement quantities; e.g., by using drawings and equations with a symbol for the unknown number to represent the problem.

Solve the problems below. Write a multiplication or division equation. Draw a picture to show your work.

Marcia puts 2 slices of cheese on each sandwich. She makes 4 cheese sandwiches. How many slices of cheese does Marcia use in all?

_____ ◯ _____ = _____ pieces of cheese

Thomas works in a cafeteria kitchen. He puts 3 cherry tomatoes on 5 salads. How many tomatoes does he use?

_____ ◯ _____ = _____ tomatoes

Mrs. Costa has 18 pencils. She gives 9 pencils to each of her children for school. How many children does Mrs. Costa have?

_____ ◯ _____ = _____ children

Mary decides to plant rose bushes in her garden. She has 24 bushes. She places 6 bushes in each row. How many rows of rose bushes does she plant in her garden?

_____ ◯ _____ = _____ rows

Common Core Standards

3.OA.8 Solve two-step word problems using the four operations. Represent these problems using equations with a letter standing for the unknown quantity. Assess reasonableness of answers using mental computation and estimation strategies including rounding.

Solve the two step problems below. Write addition, subtraction, multiplication, and /or division equations.

Of 77 third graders, on Monday 3 were absent from Room 101, 4 were absent from Room 102, and 2 were absent from Room 103. How many third graders attended school that day?

____ ◯ ____ ◯ ____ = ____

____ ◯ ____ = ____ students attended school

Ms. Diaz gave 5 toothpicks to each of 9 children for an art project. The full box she started with held 100 toothpicks. How many toothpicks did she have left?

____ ◯ ____ = ____

____ ◯ ____ = ____ toothpicks

Each month for 7 months, Eva reads 3 books. How many more books does she need to read before she has read 30 book?

____ ◯ ____ = ____

____ ◯ ____ = ____ books

Common Core Standard

3.OA.5 Fluently multiply and divide within 100, using strategies such as the relationship between multiplication and division or properties of operations

8 x 3	7 x 8	3 x 7	5 x 6	7 x 5	4 x 9	12 x 4
9 x 9	8 x 6	12 x 7	5 x 6	12 x 8	10 x 12	7 x 9
7 x 8	12 x 12	11 x 10	6 x 9	8 x 8	7 x 7	4 x 9
3 x 8	6 x 9	12 x 8	12 x 9	12 x 6	6 x 7	11 x 11

5 x 6 = ___	9 x 8 = ___	12 x 12 = ___	4 x 5 = ___	5 x 4 = ___
2 x 3 = ___	6 x 6 = ___	3 x 3 = ___	1 x 8 = ___	9 x 5 = ___
4 x 9 = ___	6 x 4 = ___	12 x 2 = ___	5 x 7 = ___	3 x 4 = ___
5 x 2 = ___	12 x 3 = ___	8 x 4 = ___	10 x 6 = ___	10 x 10 = ___
4 x 4 = ___	3 x 9 = ___	2 x 6 = ___	11 x 4 = ___	1 x 2 = ___

Common Core Standard

3.OA.5 Fluently multiply and divide within 100, using strategies such as the relationship between multiplication and division or properties of operations

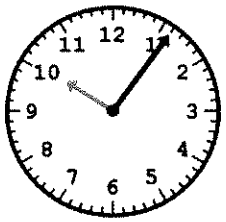
$5\overline{)30}$	$2\overline{)20}$	$11\overline{)121}$	$3\overline{)36}$	$7\overline{)21}$	$6\overline{)12}$	$9\overline{)63}$
$2\overline{)24}$	$9\overline{)81}$	$7\overline{)35}$	$4\overline{)32}$	$5\overline{)45}$	$4\overline{)24}$	$8\overline{)56}$
$9\overline{)72}$	$7\overline{)42}$	$6\overline{)18}$	$3\overline{)30}$	$8\overline{)40}$	$6\overline{)54}$	$8\overline{)64}$
$3\overline{)24}$	$4\overline{)12}$	$8\overline{)72}$	$4\overline{)16}$	$7\overline{)28}$	$3\overline{)36}$	$10\overline{)100}$

$8 \div 4 =$ ___	$16 \div 2 =$ ___	$35 \div 7 =$ ___	$54 \div 6 =$ ___	$30 \div 6 =$ ___
$63 \div 7 =$ ___	$6 \div 3 =$ ___	$12 \div 2 =$ ___	$20 \div 4 =$ ___	$36 \div 4 =$ ___
$9 \div 3 =$ ___	$12 \div 6 =$ ___	$18 \div 3 =$ ___	$24 \div 4 =$ ___	$40 \div 4 =$ ___
$24 \div 6 =$ ___	$20 \div 5 =$ ___	$48 \div 8 =$ ___	$14 \div 2 =$ ___	$28 \div 4 =$ ___

Common Core Standard

3.MD.1 Tell and write time to the nearest minute and measure time intervals in minutes. Solve word problems involving addition and subtraction of time intervals in minutes; e.g., by representing the problem on a number line diagram.

Write the time that is shown on the clock, or draw the hands to shown the given time.



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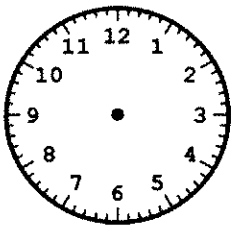
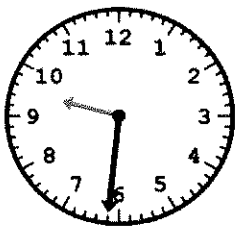


3:27



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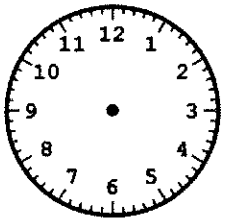
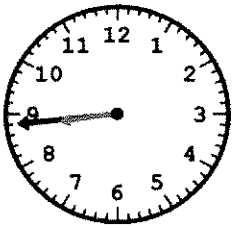


1:49



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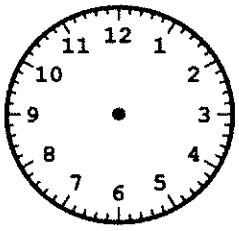


5:01

What time will it be in 20 minutes if it is now…

2:10 ___:____ 8:15 ___:____ 7:35 ___:____

What time will it be in 2 hours, 15 minutes if it is now…

6:30 ___:____ 3:35 ___:____ 4:25 ___:____

Use the number line to find the elapsed time from start to finish.

Start Time	End Time
11:00 pm	1:30 am

Elapsed Time: _____

Solve the problem and make sure to show your work.

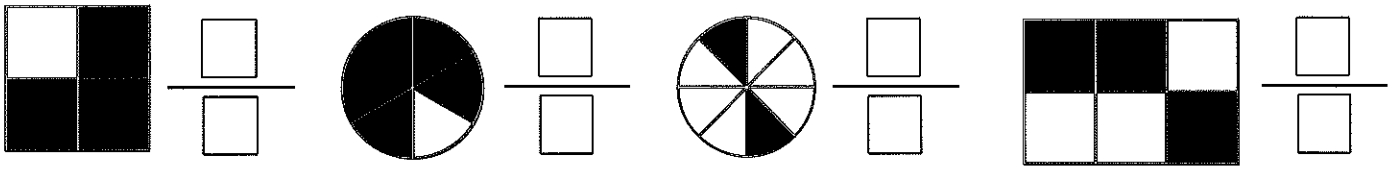
Hannah wants to meet her friends downtown. Before leaving home, she does her chores for 60 minutes and eats lunch for 20 minutes. The walk downtown takes 15 minutes. Hannah starts her chores at 11:45 A.M. At what time does she meet her friends? ____: _____

Common Core Standard

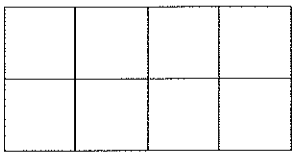
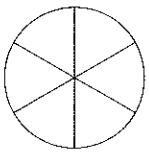
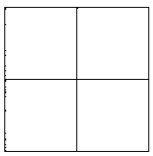
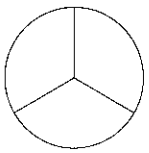
3.NF.1 Understand a fraction $1/b$ as the quantity formed by 1 part when a whole is partitioned into b equal parts; understand a fraction a/b as the quantity formed by a parts of size $1/b$

3.NF.2 Understand a fraction as a number on the number line; represent fractions on a number line diagram

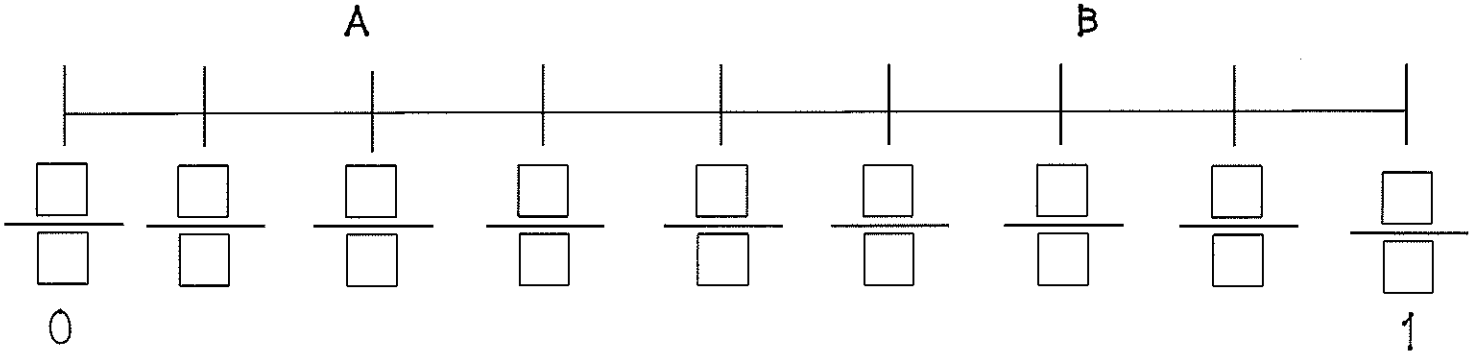
Write the fraction that names each picture.



Color in each picture to represent the fraction.

$\frac{5}{8}$  $\frac{3}{6}$  $\frac{1}{4}$  $\frac{2}{3}$ 

Fill in the missing fractions on the number line. Then answer the questions that follow.



How many parts is the number line broken into? _____ parts

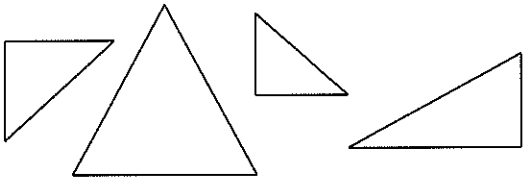
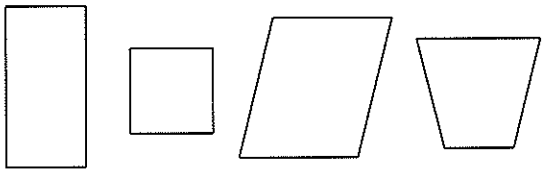
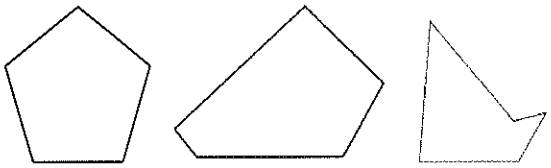
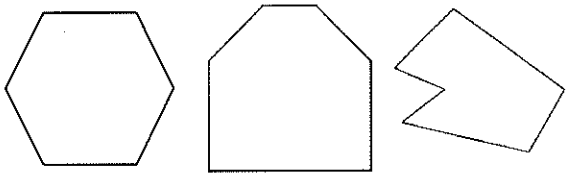
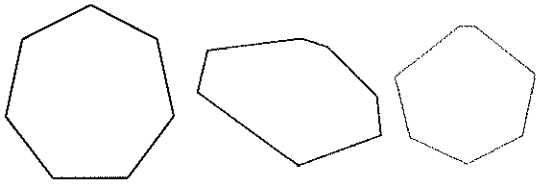
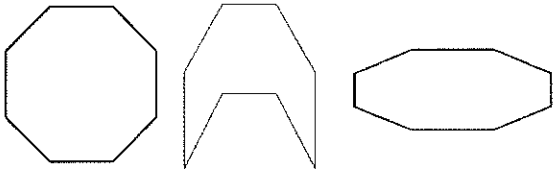
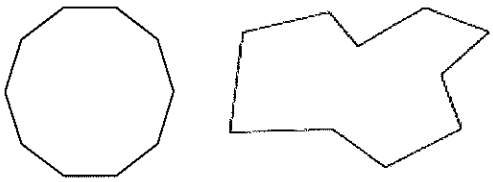
How far is from point A to B on the number line? $\frac{\square}{\square}$

Which fraction represents the number 1 on the number line? $\frac{\square}{\square}$

Common Core Standard

3.G.1 Understand that shapes in different categories (e.g., rhombuses, rectangles, and others) may share attributes (e.g., having four sides), and that the shared attributes can define a larger category (e.g., quadrilaterals). Recognize rhombuses, rectangles, and squares as examples of quadrilaterals, and draw examples of quadrilaterals that do not belong to any of these subcategories.

Describe each polygon by completing the chart below.

Polygon	Pictures	Number of Sides	Number of Angles (Corners)
Triangle			
Quadrilateral			
Pentagon			
Hexagon			
Heptagon			
Octagon			
Decagon