

Week of April 13, 2020

Dear Parents,

Please let us know if you need assistance with a lesson, concept, or skill. We are available through email or classdojo.

Thank you,

Second Grade Teachers

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Monday:

Spelling Unit 23

- Students will be working on the final stable syllable tion, sion, ture, and the five sight words at the bottom of the alphabetizing page.
- Have your child write spelling words in alphabetical order.

Grammar Review Page 6

- Your child will review compound words, plurals, and homophones
- Please remind your child that homophones are words that sound alike, but have different meanings.

Math Review Week 29

- Have your child do the first 12 questions under the Monday heading.

Math Chapter 13

- Page 638- Important words today are data and bar graph. You can tell kids that data is just information. On pages 638-639 the students will use the data from the tally charts to create a bar graph. They will then use the bar graph to answer questions.
- Page 640- It will give them the total number and leave out a number for one of the items and the student will have to choose an operation (+ or -) to find that missing number.
- Page 641-642- Independent Practice- Use your own discretion to determine if you feel like your child is ready to work independently on the skill or still needs your support. Help correct errors made as needed.

Reading Passage

- Read "Earth Day"
- Students will read the passage 3 times. Each time the student reads the passage the parent will time the student for 1 minute to see how far they get. Be sure to cheer your child on to encourage them to beat their time. After they have read the passage 3 times with you timing them, have your child read the story all the way through and

answer the questions. When answering the questions your child will need to write their answers using a complete sentence. Their answers should have a capital letter at the beginning of the sentence and punctuation at the end. Encourage your child to use their very best handwriting.

- If your child writes an answer that is incorrect, have them go back and reread the passage and underline the part of the passage that could help with the right answer.

Paragraph of the Week: (Optional assignment)

Over the course of the week, you will be writing a paragraph. Brainstorm all you know about "My Favorite Subject".

- Brainstorm all that you know about your favorite subject in school. This can be one specific idea, such as Native Americans, or more general, like math. Be sure to include detail you can think of about that subject.
- Remember this will be a 4 day process and will not be done in one day
- We encourage our students to be authors. Authors must brainstorm and their work is always a work in progress.
- Remember to keep it positive, writing is a very difficult process for students in 2nd grade

Tuesday:

Spelling Unit 23

- Get out a cookie sheet and pour in some salt or sand. Have students practice writing their spelling words in the salt or sand.

Grammar Review Page 7

- Please review that homophones are words that sound alike, but have different meanings.

Math Review Week 29

- Have your child do the first 12 questions under the Tuesday heading.

Math

- Page 643- Have students answer the question about the line plot.
- Page 644-645 Important words for this lesson are data and line plot. They will represent each piece of data with an x about that number on the line plot. The students will use the data given to complete the line plot. Then they will use the line plot to answer the questions.
- Page 646 - They will give the students a line plot and they will use that to answer the questions asked. They are looking for the most common number used on the line plot.
- Page 647-648 Independent Practice- Use your own discretion to determine if you feel like your child is ready to work independently on the skill or still needs your support. Help correct errors made as needed.

Reading Passage

- Read "The Aquarium"
- See instructions from Monday's lesson

Paragraph of the Week: (Optional assignment)

- Students will continue to write about “My Favorite Subject”. Using the brainstorm you created yesterday, choose 3 of the most important things you like about your favorite subject. They will become the three details about your favorite subject. Write a sentence for each. Then, write an explanation sentence for each.

Wednesday:

Spelling Unit 23

- Have your child choose 5 of the spelling words and write them in 5 different sentences. Each sentence should have a capital letter at the beginning, correct punctuation at the end and include a noun, verb, and an adjective. Remind your child that a noun is a person, place, thing, or animal, a verb is an action word, and an adjective is a describing word.

Grammar Review Page 8

- Students will review homophones and suffixes

Math Review Week 29

- Have your child do the first 7 questions under the Wednesday heading.

Math

- Graph Review Day- Have your student collect data from around the house or give them some data. (Example: canned goods in the pantry, different colors of candy, different colors of some blocks or legos) With that data have them create a Tally Chart, a Picture Graph, and a Bar Graph.

Reading Passage

- Read “Arbor Day”
- See instructions from Monday’s lesson

Paragraph of the Week: (Optional assignment)

- Students will continue to write about “My Favorite Subject”. Now that you have your details and explanations written, you must write a topic sentence and closing sentence. Remember, your topic sentence must let the reader know what you are going to talk about in your paragraph, without discussing any of the details. Your closing sentence must restate your topic sentence, using synonyms and different words.
- Now write your topic sentence and a closing sentence

Thursday:

Spelling Unit 23

- Get the shaving cream! Put the shaving cream in a cookie sheet and have your child write their spelling words as you say them. This will be a great way to practice for the test tomorrow!

Grammar Review Page 9

- Your child will review proper nouns and homophones. Please remind your child that all words at the beginning of a sentence are capitalized whether they are proper nouns or not.

Math Review Week 29

- Have your child do the first 7 questions under the Thursday heading.

Math

- Chapter Practice pages 657-659 You have Thursday and Friday to work on the Chapter Practice for Chapter 13. You could have the student complete it all on Thursday and go over it on Friday or you could do 2 pages of it Thursday and go over it and the last page on Friday and go over it. Do what is best for your child and your schedule.

Reading Passage

- Read "Fascinating Frogs"
- See instructions from Monday's lesson

Paragraph of the Week: (optional assignment)

- Students will finish up writing about "My Favorite Subject". It is time to put all of your work together in the form of a paragraph. The topic sentence goes first, followed by the detail, explanation combo sentences. The last sentence is your closing sentence. Reread it all and make sure it makes sense. It should all be about the same topic, give lots of information, and be written in complete sentences.
- Give yourself a pat on the back! You did it!

Friday:

Spelling Unit 23

- Please administer a spelling test to your child to see how much they learned this week. To make it fun they can write their test on concrete with sidewalk chalk or colored pencils or crayons.

Grammar Review Page 10

- Your child will review collective nouns. A noun names a person, place or thing, a collective noun is a collection of a people, places, or things.

Math Review Week 29

- Have your child do the first 13 questions under the Friday heading to see how they did this week in math.


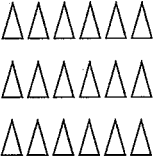
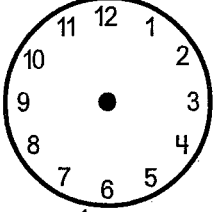
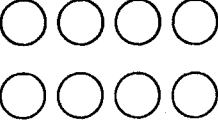
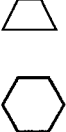
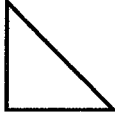
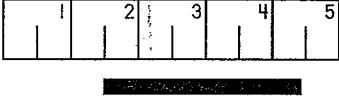
Math

- Continue with Chapter 13 Practice pages 657-659

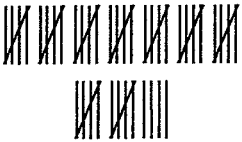
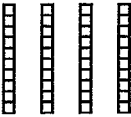
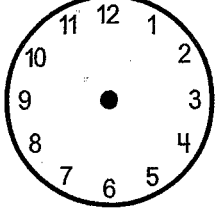
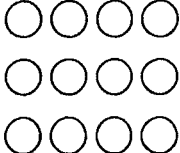
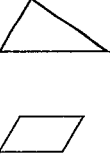

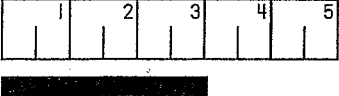
Reading Passage

- Read "Spring Changes"
- See instructions from Monday's lesson


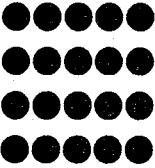
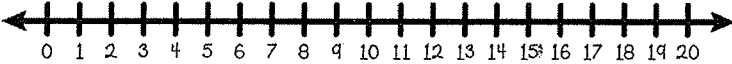
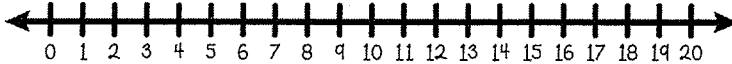
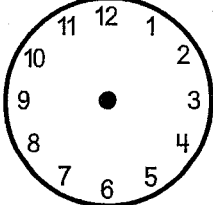
MONDAY

<p>1 What is the value of the tally marks?</p> 	<p>2 I read 233 pages this summer. Sam read 100 more pages than I did. How many pages did Sam read?</p>	<p>3 We grew 42 cucumbers and 18 pumpkins. About how many more cucumbers did we grow than pumpkins?</p>	<p>4 Solve.</p> $8 + 7 = \underline{\quad}$ $15 - 7 = \underline{\quad}$ $15 - 8 = \underline{\quad}$
<p>5 We set out 32 chairs for our guests. Only 28 guests showed up. How many extra chairs do we have?</p>	<p>6 Write an equation to find the total amount.</p> 	<p>7 If the pattern continues, what will come next?</p> <p>6, 16, 26, 36, _____, _____</p>	<p>8 Show 2:45.</p> 
<p>9 If the cookies are shared equally among 4 friends, how many cookies will each friend get?</p> 	<p>10 Name each shape.</p> 	<p>11 Circle the right angle in the shape.</p> 	<p>12 I want to measure the rectangle. Did I line the rectangle up correctly?</p> 


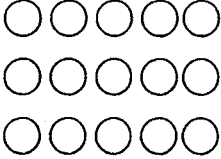

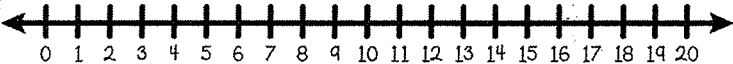
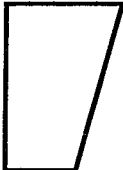

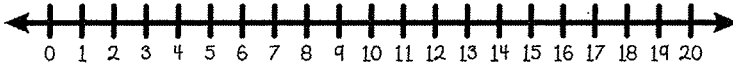
Tuesday

<p>1 What is the value of the tally marks?</p> 	<p>2 I collected 315 marbles. My brother collected 100 fewer marbles than me. How many marbles did he collect?</p>	<p>3 I counted 48 red leaves and 13 orange leaves. About how many leaves did I count in all?</p>	<p>4 Solve.</p> $8 + 6 = \underline{\quad}$ $14 - 8 = \underline{\quad}$ $14 - 6 = \underline{\quad}$
<p>5 We collected 59 cans of corn and 47 cans of peas. How many cans did we collect altogether?</p>	<p>6 Write an equation to find the total amount.</p> 	<p>7 If the pattern continues, what will come next?</p> <p>45, 40, 35, _____, _____</p>	<p>8 Show 4:15.</p> 
<p>9 If the cookies are shared equally among 3 friends, how many cookies will each friend get?</p> 	<p>10 Name each shape.</p> 	<p>11 Circle the right angles in the shape.</p> 	<p>12 I want to measure the rectangle. Did I line the rectangle up correctly?</p> 

Wednesday

<p>1 What is the value of the tally marks?</p> 	<p>2 We caught 13 fish this summer. My grandma caught 10 more fish than we did. How many did she catch?</p>	<p>3 There are 73 first graders and 29 second graders. About how many more first graders are there than second graders?</p>	<p>4 Solve.</p> $8 + 10 = \underline{\quad}$ $18 - 10 = \underline{\quad}$ $18 - 8 = \underline{\quad}$
<p>5 There were 80 textbooks, but 15 textbooks went missing. How many textbooks do we have now?</p>	<p>6 Write an equation to find the total amount.</p> 	<p>7 Use the number line to show:</p> $20 - 6 = \underline{\quad}$  $4 + 4 + 4 + 4 = \underline{\quad}$ 	
<p>8 If the pattern continues, what will come next?</p> <p>14, 18, 22, _____, _____</p>	<p>9 Show 8:45.</p> 		

Thursday

<p>1 What is the value of the tally marks?</p> 	<p>2 We have 100 fewer points than yesterday. We had 817 points yesterday. How many points do we have now?</p>	<p>3 We collected \$45 today and \$31 yesterday. About how much money did we collect in all?</p>	<p>4 Solve.</p> $16 - 8 = \underline{\quad}$ $15 - 9 = \underline{\quad}$ $13 - 5 = \underline{\quad}$
<p>5 If the cookies are shared equally among 5 friends, how many cookies will each friend get?</p> 	<p>6 Name each shape.</p> 	<p>7 Use the number line to show:</p> $12 + 6 = \underline{\quad}$ 	
<p>8 Circle the right angles in the shape.</p> 	<p>9 Draw a line that is 3 inches long.</p> 	<p>$6 + 6 + 6 = \underline{\quad}$</p> 	

Check-In

1 What is the value of the tally marks?



- (a) 47
- (b) 50
- (c) 92
- (d) 95

2 I collected 274 bottles to recycle. My brother collected 10 more than me. How many did he collect?

- (a) 174
- (b) 264
- (c) 284
- (d) 374

3 There are 39 daisies and 47 tulips in my garden. About how many flowers are there in all?

- (a) 10
- (b) 40
- (c) 80
- (d) 90

4 What is the difference?

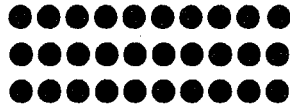
$$17 - 9$$

- (a) 5
- (b) 6
- (c) 7
- (d) 8

5 There were 45 people attending the party. A group of 18 more people showed up. How many people are at the party now?

- (a) 27
- (b) 34
- (c) 53
- (d) 63

6 All of the following equations would help me find the total *except*.



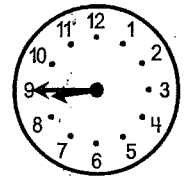
- (a) $10 + 10 + 10$
- (b) 10×3
- (c) $10 - 3$

7 If the pattern continues, what will come next?

14, 19, 24, 29, _____

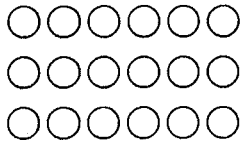
- (a) 30
- (b) 34
- (c) 35
- (d) 36

8 What time does the clock show?



- (a) 8:15
- (b) 9:15
- (c) 9:45
- (d) 8:45

9 If the cookies are shared equally between 6 friends, how many cookies should each friend get?



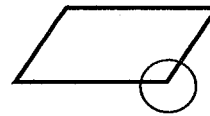
- (a) 3
- (b) 6
- (c) 10
- (d) 18

10 What is the name of the shape?



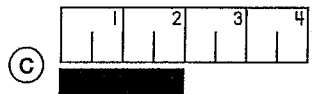
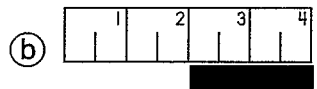
- (a) pentagon
- (b) rhombus
- (c) hexagon
- (d) trapezoid

11 What is true about the circled angle in the shape?

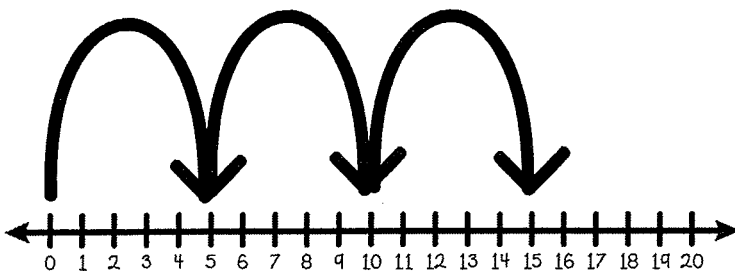


- (a) It is a right angle.
- (b) It is less than a right angle.
- (c) It is greater than a right angle.

12 Which item is correctly lined up to the ruler?



Use the number line to answer the question.



13 Which story problem could be solved using the number line?

- (a) I ate 5 cookies on Monday and 5 cookies on Tuesday. How many cookies did I eat in all?
- (b) I collected 15 pencils, but I lost 10 pencils. How many pencils do I have now?
- (c) I ran 5 miles on Monday, 5 miles on Tuesday, and 5 miles on Wednesday. How many miles did I run in all?

Name _____

Spelling

Circle the misspelled word in each sentence and write it correctly.

1. The frog hoped away.

2. I whaunt a new bike.

Compound Words

Write a compound word for each description.

1. A box for shoes is called a

2. A pin that goes in your hair is called a

Homophones

Homophones are two words that sound alike but are spelled differently and have different meanings. Circle the correct homophone in each sentence.

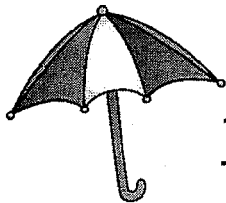
1. My favorite color is (blew, blue).
2. I (new, knew) the answer to the difficult problem.
3. My dad sawed the (bored, board).



Plurals

Write the plural form of each word.

1. sky _____
2. lady _____
3. play _____
4. toy _____

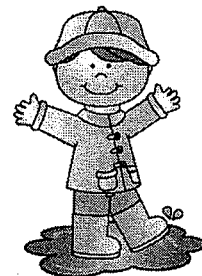


Multiple Meaning Words

I need a new light in my bedroom.

In which sentence is the word light used in the same way as in the sentence above?

1. My kitten is light as a feather.
2. Will you please turn on the light?
3. I lost my light blue jacket.



Name _____

Homophones

Circle the homophone that correctly completes the sentence.

1. _____ going for a walk at the park.

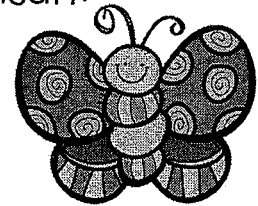
There Their They're

Context Clues

Use context clues to help you answer the question.

The magician did many amazing tricks but would not **reveal** his secrets. What does the word **reveal** mean?

hide
make known
repeat



Suffixes

Add the suffix ing to each word.

1. clap _____
2. watch _____
3. run _____

Rhyming

Circle the pair of words that rhyme.

- a. mope, cop
b. kite, might
c. fish, which
d. feet, keep

Commas

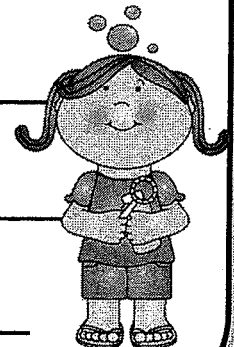
Put commas where they are needed.

1. I need to buy soil seeds and pots for science.
2. Will you plant trees in the back front or side yard?

Past Tense Verbs

Write the past tense of each verb.

1. feed _____
2. hear _____
3. ring _____



Name _____

Spelling

Circle the misspelled word in each sentence and write it correctly.

1. Will you help me carey these bags?

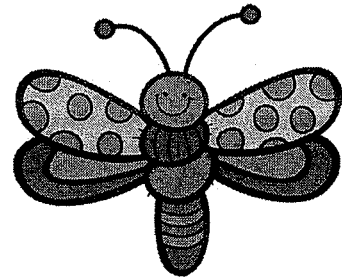
2. She is haveing a party.

Grammar

Read the sentence and choose the best answer.

My friend's house is _____ than our house.

- big
bigger
biggest



Homophones

Circle the correct homophone in each sentence.

1. Please (clothes, close) the door.
2. John threw the ball and broke the window (pain, pane).
3. My sister ate a (Sunday, sundae).

Suffixes

Add the suffix **ing** to each word.

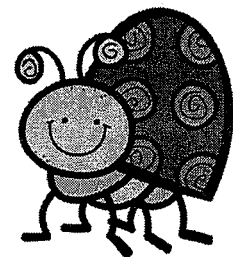
1. chase _____
2. pop _____
3. cry _____

Multiple Meaning Words

I helped mom put the papers in order.

In which sentence is the word order used in the same way as in the sentence above?

1. I am going to order pizza for dinner.
2. Sarah put the numbers in order.
3. Dad filled out the order form online.



Name _____

Proper Nouns

Circle the words that need a capital letter.

1. mrs. johnson lost her red expo markers.
2. dawn went shopping at target and kohl's.

Fix the Sentence

Rewrite the sentence correctly.

It rayned four a weak.



Homophones

Homophones are two words that sound alike but are spelled differently and have different meanings. Circle the correct homophone in each sentence.

1. Our new dog (chews, choose) our shoes.
2. My friend and I are going to (billed, build) a fort.

Phonics

Circle the words that have the same vowel sound as in fault.

fail caught saw

launch use

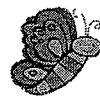
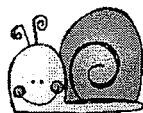
Paul you school

Context Clues

Circle the meaning of the underlined word.

I am famished when I finish baseball practice, so I eat a large dinner.

sleepy
very hungry
tired



Main Idea

Grandma and Amy are going to plant a vegetable garden. They are going to plant corn, pumpkins, beans, and peas. Amy is excited to watch the plants grow.

The main idea is:

- A. Grandma likes vegetables.
- B. Grandma and Amy are going to plant a vegetable garden.
- C. Amy likes grandma.

Name _____

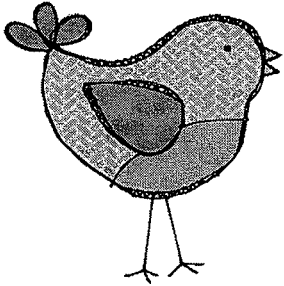
Collective Nouns

A collective noun names a group of things. Use the collective nouns below to complete the sentences on the right.

pair

herd

colony



Collective Nouns

1. A _____ of ants invaded our picnic.
2. The farmer sold his _____ of cattle.
3. I bought a new _____ of shoes.

Shades of Meaning

Write the word that best completes each sentence.

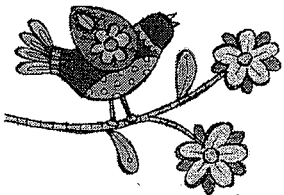
eat nibbled devoured

1. The mice _____ on a piece of cheese.
2. My big brother _____ all of the chips.
3. I don't like to _____ breakfast.

Vowels

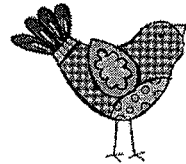
Circle the two words in each row that have the same vowel sound.

1. raw coat walk
2. head need met
3. cat crate play
4. foil mouse toy



Fix the Sentence

Fix the sentence and write it correctly on the lines below.



Are howse is on the write side of the rode.

Earth Day

Earth Day is on April 22. It is a day that was created for people to learn how they can help take care of the earth. There are many ways that people can help care for the earth. One way is to reduce the amount of things you use. For instance, you can turn off lights when you don't need them. You can also reuse items. If you find new uses for old items, you can cut down on the amount of trash you make. Another way is to recycle. Bottles, cans, and other things can be recycled instead of going into the trash. Take care of the earth! It is the only one we have!

NAME _____ DATE _____

Comprehension Questions: Earth Day

1. When is Earth Day?

2. What is the purpose of Earth Day?

3. What does it mean to reduce?

4. What are some things that can be recycled?

The Aquarium

You can see many types of marine animals at aquarium. Marine animals are animals that live near the water. Going to an aquarium is like going to a zoo except that most of the animals are in tanks instead of cages. There are salt water tanks for ocean animals. These are animals like crocodiles, octopuses, and sharks. Some fish live in salt water too. Angelfish, clownfish, and puffer fish live in salt water. Other animals live in fresh water like alligators and many different types of fish. You may also see frogs and otters at an aquarium because they live around the water. The aquarium is a very interesting place to visit.

Comprehension Questions: The Aquari

1. What are marine animals?

2. What kinds of water do marine animals live in?

3. What are examples of salt water animals?

4. What are examples of fresh water animals?

Arbor Day

Arbor Day is a holiday that was established to help people learn more about caring for trees. On this day, people learn to take care of the trees we have and are encouraged to plant new ones. Arbor Day began in 1872. It is estimated that about a million trees were planted on the first Arbor Day. Arbor Day is celebrated on the last Friday in April. Some places like Alaska and Hawaii celebrate Arbor Day at different times because their climates are too hot or too cold to plant in April. Trees help the earth in so many ways. Perhaps this year you can plant a tree on Arbor Day!

Comprehension Questions: Arbor D

1. What is Arbor Day?

2. When was Arbor Day first celebrated?

3. When is Arbor Day?

4. How many trees were planted on the first Arbor Da

Fascinating Frogs

Frogs are fascinating creatures. Many people do not realize how many types of frogs there are. There are 4,740 species of frogs in the world. There are 90 different types in the United States. Frogs live in every part of the world except for Antarctica. Most of the world's frogs live in areas where it is very warm. Frogs are cold-blooded animals. This means that their bodies are the same temperature as the air or water around them. You know that frogs do not need to drink water. They absorb it through their skin. Another interesting fact is that some frogs can jump 20 times their body length. Frogs are fascinat

NAME _____ DATE _____

Comprehension Questions: Fascinating

1. How many different types of frogs are there in the

2. Where do most of the world's frogs live?

3. What does cold-blooded mean?

4. How do frogs get their water?

Spring Changes

Spring is a season of many changes. The weather becomes warmer, and the days become long because there is more sunshine. During the spring there are many changes in the animal world. There are many animals that hibernate during winter. When spring comes, it is time for these animals to wake up. Animals like bears, chipmunks, frogs, and salamanders wake during the spring. Birds begin to come back from their winter homes. Other animals, like cows, sheep, and birds have their babies in the spring. Plants change in the spring too. Grass grows, flowers sprout, and trees bud. There are a lot of changes in the spring.

Comprehension Questions: Spring Cha

1. What happens to the weather in the spring?

2. What happens to hibernating animals in the spring?

3. What animals have their babies in the spring?

4. What happens to plants in the spring?

Learning Target: Use data to make bar graphs.



Explore and Grow

Look at your Instrument Cards. Complete the tally chart and the bar graph.

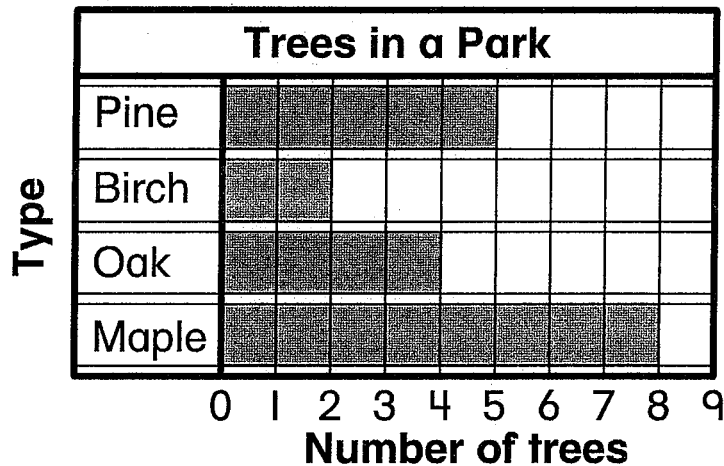
Band Instruments	
Drum	
Trumpet	
Tuba	

Band Instruments										
Instrument	Drum									
	Trumpet									
	Tuba									
		0	1	2	3	4	5	6	7	8

Number of students

Think and Grow

Trees in a Park	
Pine	
Birch	
Oak	
Maple	



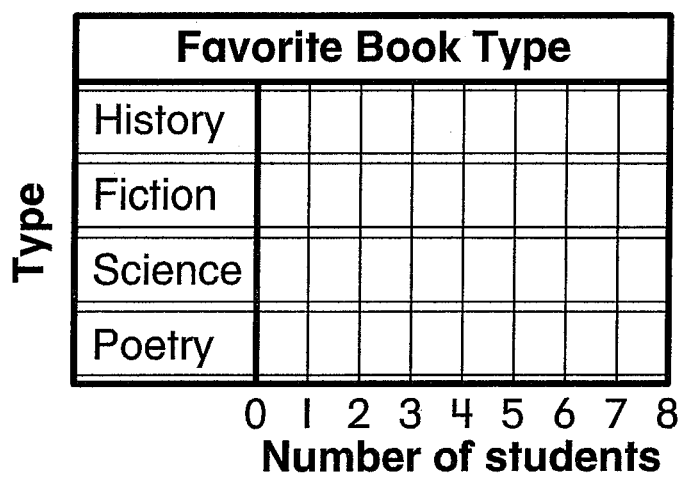
Which tree type is the most common? maple

How many more pine trees are there than oak trees? 1

Show and Grow

I. Complete the bar graph.

Favorite Book Type	
History	
Fiction	
Science	
Poetry	



Which book type is the least favorite? _____

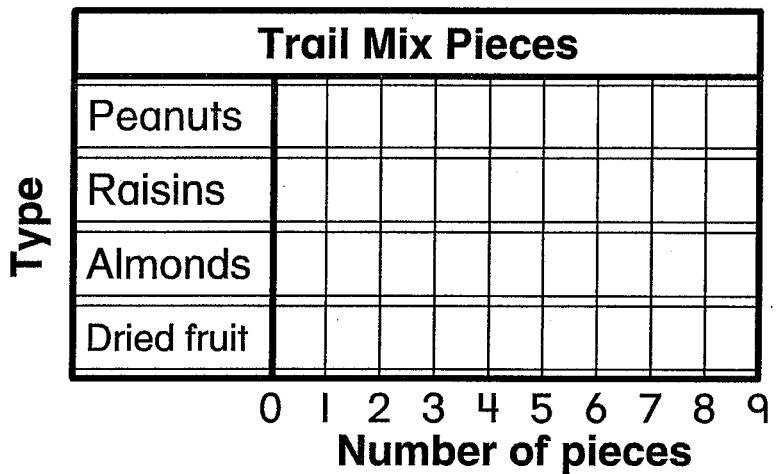
How many more students chose fiction than history? _____

Name _____

 **Apply and Grow: Practice**

2. Complete the bar graph.

Trail Mix Pieces	
Peanuts	
Raisins	
Almonds	
Dried fruit	

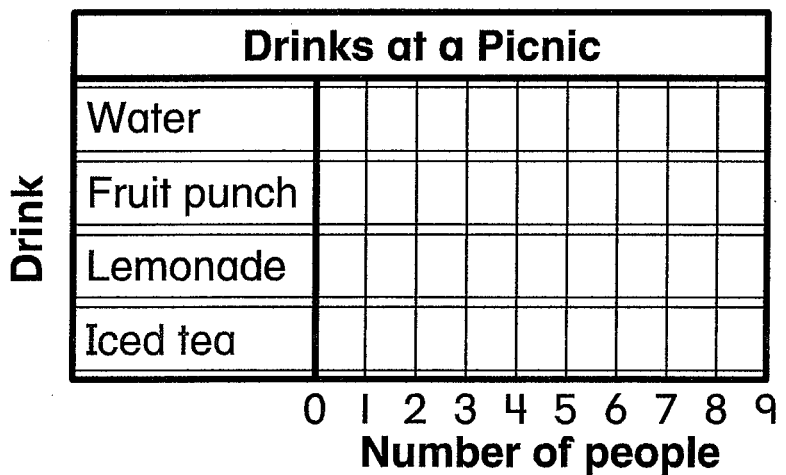


How many raisins are there? _____

How many more almonds are there than dried fruit? _____

3. Complete the bar graph.

Drinks at a Picnic	
Water	
Fruit punch	
Lemonade	
Iced tea	

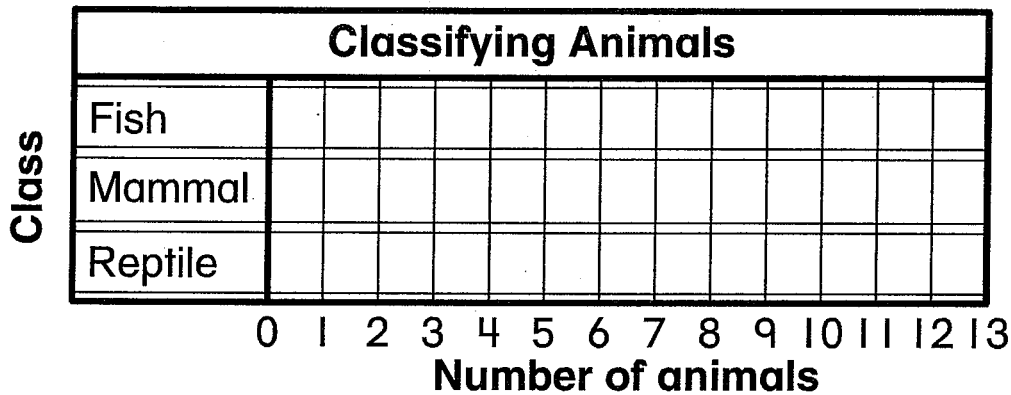


Which drink was chosen the most? _____

How many more people chose iced tea than water? _____

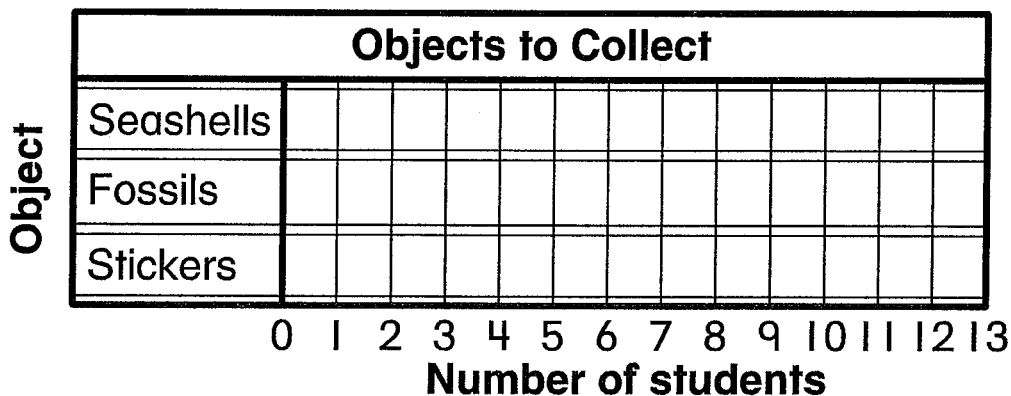
Think and Grow: Modeling Real Life

You classify 30 animals as fish, mammals, or reptiles. 11 are fish. 7 are reptiles. The rest are mammals. Complete the bar graph.



Show and Grow

4. You ask 29 students if they want to collect seashells, fossils, or stickers. 8 said fossils. 12 said stickers. The rest said seashells. Complete the bar graph.



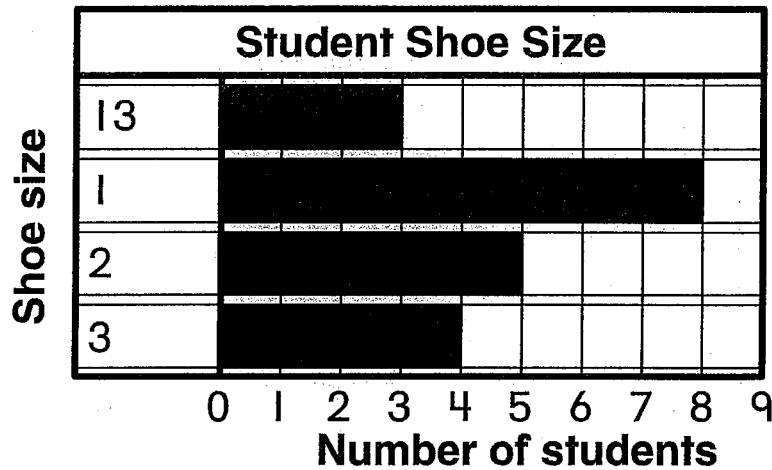
DIG DEEPER! You ask 3 more students which object they want to collect. 1 said fossils. 2 said seashells. How many fewer students chose fossils than seashells now?

_____ students

Learning Target: Use data to make bar graphs.



Student Shoe Size	
13	
1	
2	
3	

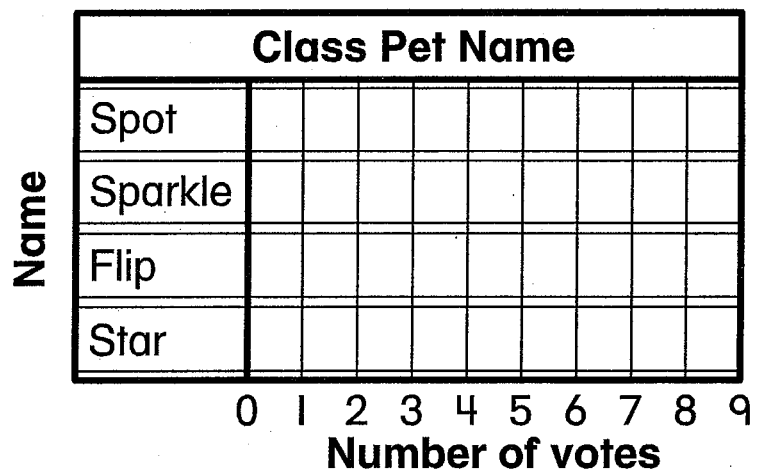


Which shoe size is the least common? 13

How many more students wear size 2 than size 3? 1

I. Complete the bar graph.

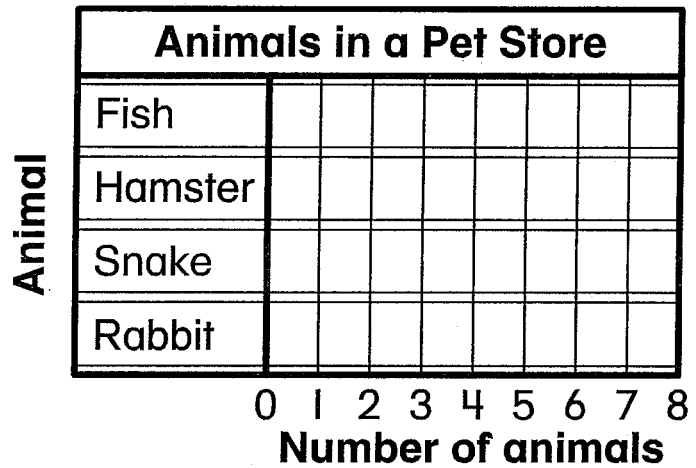
Class Pet Name	
Spot	
Sparkle	
Flip	
Star	



How many more votes did Spot receive than Sparkle? _____

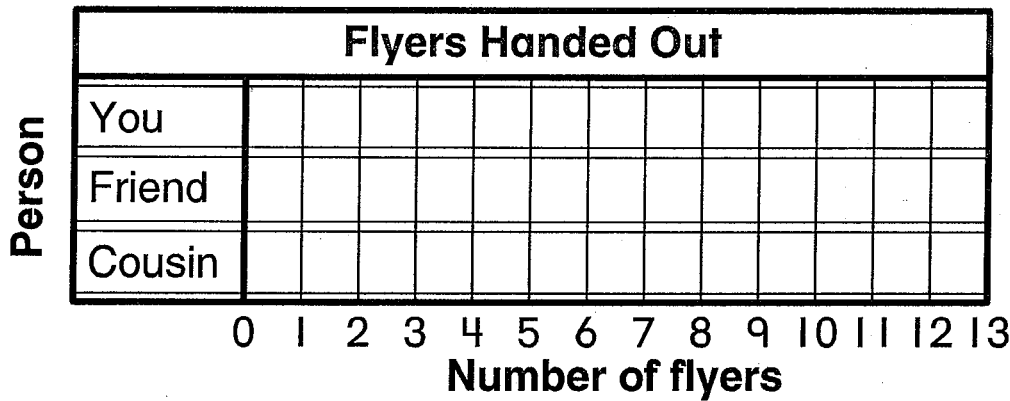
2. Complete the bar graph.

Animals in a Pet Store	
Fish	
Hamster	
Snake	
Rabbit	



How many total animals are in the pet store? _____

3. **Modeling Real Life** You, your friend, and your cousin hand out a total of 25 flyers. You hand out 12. Your friend hands out 9. Your cousin hands out the rest. Complete the bar graph.



DIG DEEPER! You hand out 1 more flyer. Your friend hands out 4 more. How many fewer flyers does your cousin hand out than your friend now?

_____ flyers

Review & Refresh

4. $861 - 410 = \underline{\hspace{2cm}}$

5. $624 - 320 = \underline{\hspace{2cm}}$

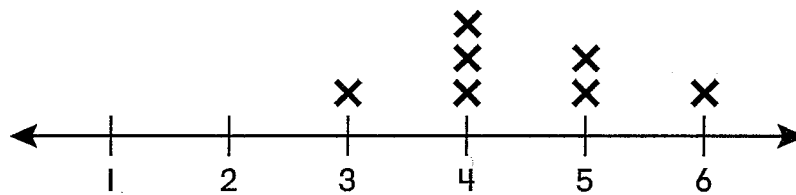
Learning Target: Use data to make line plots.



Explore and Grow

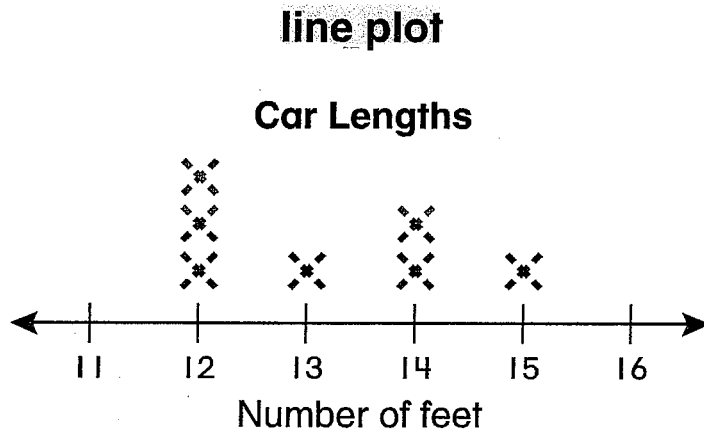
How are the thumb lengths shown on the number line?

Thumb 1 — 4 cm	Thumb 5 — 6 cm
Thumb 2 — 5 cm	Thumb 6 — 5 cm
Thumb 3 — 3 cm	Thumb 7 — 4 cm
Thumb 4 — 4 cm	



Think and Grow

Car Lengths (feet)	
Car 1	12
Car 2	13
Car 3	14
Car 4	12
Car 5	12
Car 6	15
Car 7	14



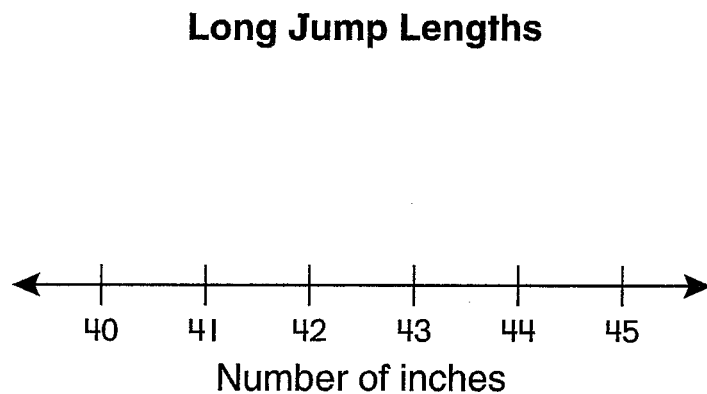
How many cars are 14 feet long? 2

What is the most common car length? 12 feet

Show and Grow

I. Complete the line plot.

Long Jump Lengths (inches)	
Child 1	41
Child 2	44
Child 3	43
Child 4	41
Child 5	45



How many long jumps are 43 inches long?

What is the most common long jump length? inches

Name _____

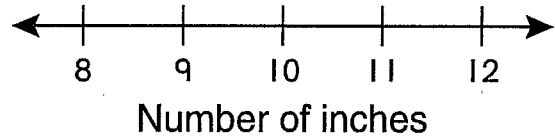
Apply and Grow: Practice

2. Complete the line plot.

Puppy Lengths (inches)	
Puppy 1	11
Puppy 2	9
Puppy 3	10
Puppy 4	12
Puppy 5	9
Puppy 6	10
Puppy 7	10
Puppy 8	8



Puppy Lengths



What is the most common puppy length? _____ inches

How many fewer puppies are 11 inches long than 10 inches long?

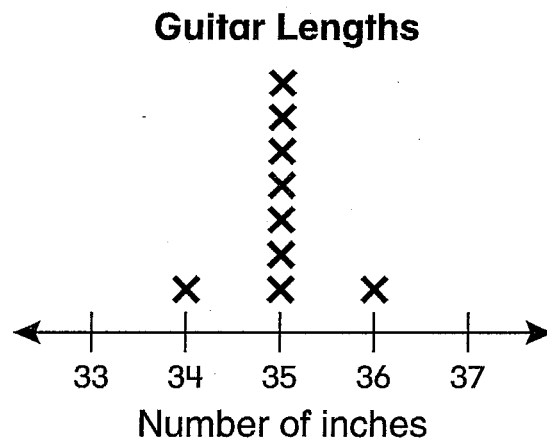
How many puppies are 8 or 9 inches long?

How many puppies are shorter than 11 inches?
How do you know?

Think and Grow: Modeling Real Life

9 people measure the length of a guitar. The line plot shows the measured lengths. How long do you think the guitar is? Explain.

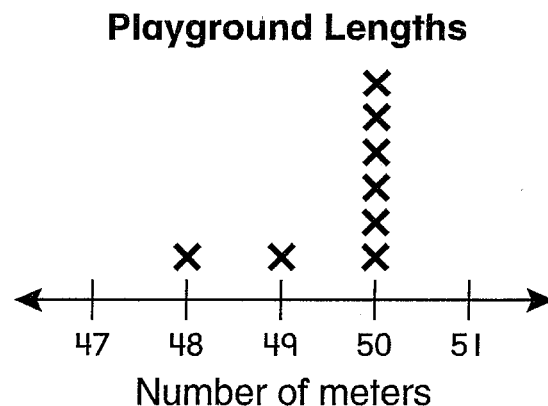
_____ inches



Show and Grow

3. 8 people measure the length of a playground. The line plot shows the measured lengths. How long do you think the playground is? Explain.

_____ meters



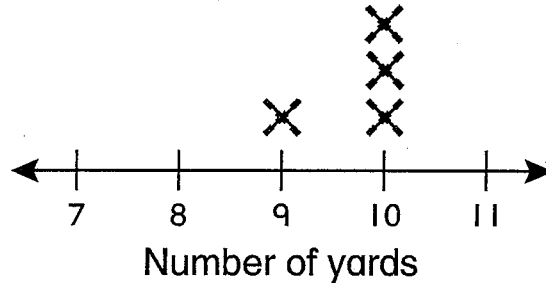
DIG DEEPER! Why are the measurements different?

Learning Target: Use data to make line plots.

Complete the line plot.

Lengths of Classrooms

Classroom Lengths (yards)	
Room 1	10
Room 2	9
Room 3	10
Room 4	10



How many classrooms are 10 yards long?

3

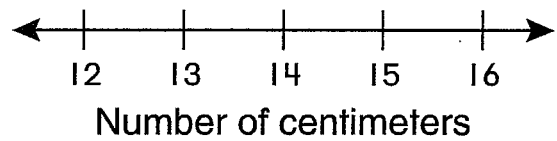


I. Complete the line plot.

Leaf Lengths (centimeters)	
Leaf 1	14
Leaf 2	15
Leaf 3	15
Leaf 4	14
Leaf 5	12
Leaf 6	15



Leaf Lengths



How many leaves are 13 centimeters long? _____

What is the most common leaf length? _____ centimeters

How many more leaves are 14 centimeters long than 12 centimeters long? _____

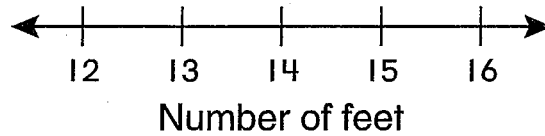
How many leaves are 14 or 15 centimeters? _____

2. Complete the line plot.



Shark Lengths

Shark Lengths (feet)	
Shark 1	14
Shark 2	15
Shark 3	16
Shark 4	14
Shark 5	12
Shark 6	16

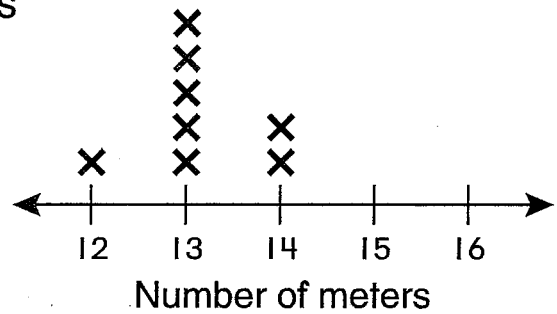


How many sharks are longer than 14 feet? How do you know?

3. **Modeling Real Life** 8 people measure the length of a bus. The line plot shows the measured lengths. How long do you think the school bus is? Explain.

_____ meters

Bus Lengths



Review & Refresh

4.

$$\begin{array}{r} 36 \\ 4 \\ 22 \\ + 65 \\ \hline \end{array}$$

5.

$$\begin{array}{r} 95 \\ 68 \\ + 45 \\ \hline \end{array}$$

6.

$$\begin{array}{r} 76 \\ 50 \\ 18 \\ + 82 \\ \hline \end{array}$$

13.1 Sort and Organize Data

1. Use the data to complete the tally chart.

face painting	face painting
games	magic show
dancing	games
magic show	face painting
magic show	magic show
face painting	magic show

Favorite Festival Event	
Magic show	
Games	
Face painting	
Dancing	

How many students chose magic show? _____

Which event is the least favorite? _____

2. **Modeling Real Life** You want to survey 30 students. How many more students do you need to ask?

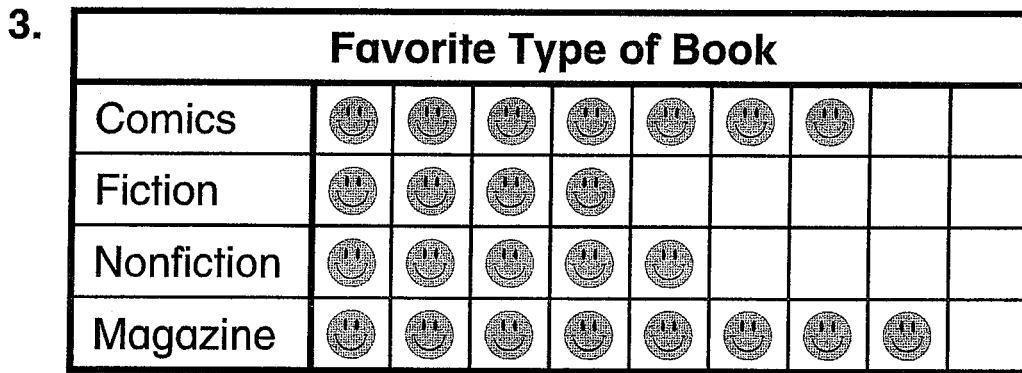
_____ students

Hair Color	
Blonde	
Brown	
Black	
Red	

How many more students need to have red hair so that the numbers of students with red hair and blonde hair are equal?

_____ students

13.2 Read and Interpret Picture Graphs



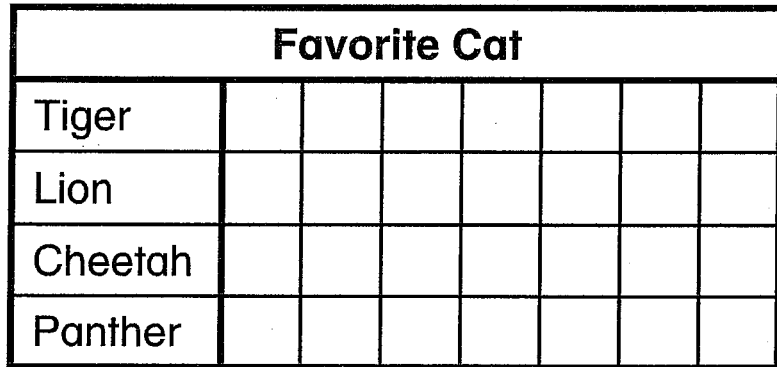
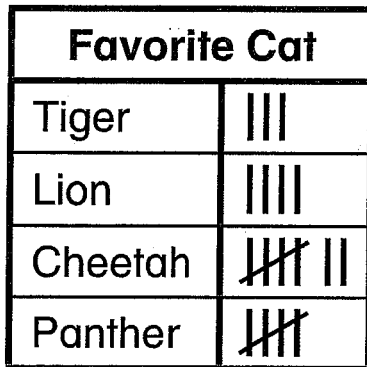
Each = 1 student.

Which type of book do exactly 7 students like best? _____

How many more students chose magazine than fiction? _____

13.3 Make Picture Graphs

4. Complete the picture graph.



Each = 1 student.

How many fewer students chose tiger than cheetah? _____

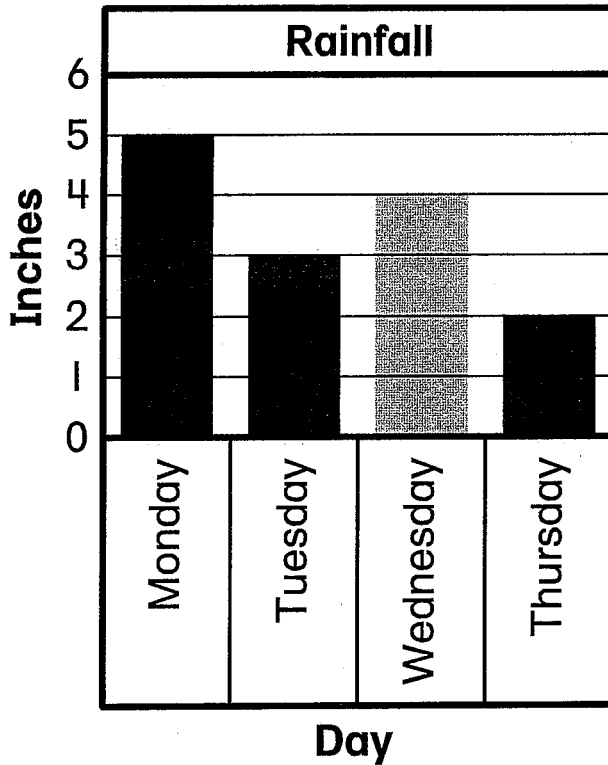
How many students chose the least favorite cat? _____

How many students chose panther or lion? _____

13.4

Read and Interpret Bar Graphs

5.



How much rain fell on Tuesday? _____

Which day did it rain the least? _____

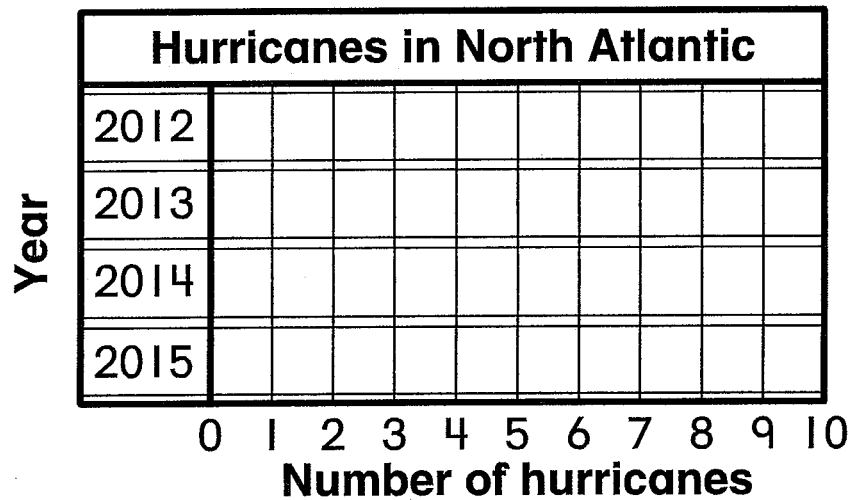
How much more rain fell on Monday than Wednesday? _____

13.5

Make Bar Graphs

6. Complete the bar graph.

2012	
2013	
2014	
2015	



How many hurricanes were there in 2012 and 2013? _____

Name: _____ unit 23

Write your words in alphabetical order

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

motion

caption

mission

nature

explosion

fiction

action

vulture

subtraction

picture

last

school

father

keep

trees

Flexibility Activity

FLEXIBILI-FEET (Project, 20 minutes)

Practice changing direction and adapting to change with this fun activity for young children.

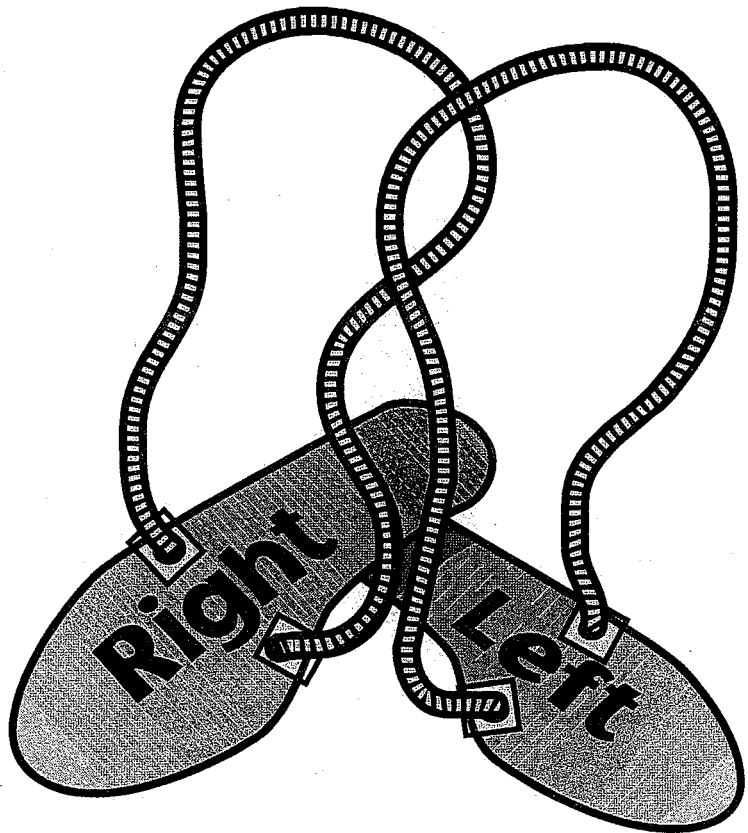
Have students trace their shoes onto heavy paper and cut them out. Place a piece of tape on the side edges of both feet and punch a hole through the four pieces of tape.

Thread long pieces of yarn through the holes and tie into large loops to make a handle for each foot. Label footprints "Left" and "Right." Then play "Follow the Leader" around the room, walking in your flexibili-feet. Children must be flexible and change direction according to their leader's instruction.

Supplies: heavy paper, scissors, tape, hole punch, yarn, markers

Points to Ponder:

- Students should be flexible to listen to instructions and change direction when needed.
- Being flexible doesn't mean you do everything someone tells you to do. You can be flexible on many things, but not if you are asked to do something wrong.



4th space 5th line

1st space 1st line

F A C E E G B D F

4th space 5th line

1st space 1st line

A C E G G B D F A

Yankee Doodle

Name _____ Grade _____

Old MacDonald

Name _____ Grade _____
