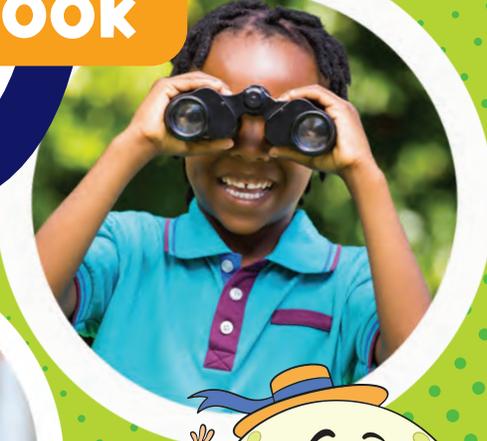




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**LEARNING**  
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# SUMMER!

**FUN ACTIVITY BOOK**



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# Week 8: Space

# August 7-13

Meet astronauts and virtually visit the planets and stars. Our featured careers this week are astronaut, astronomer, and computer scientist. Scan the QR code or visit [MichiganLearning.org/Summer/Space](http://MichiganLearning.org/Summer/Space) to explore all of our videos this week.

Use the sheet below to mark off this week's activities as you complete them. See if you can get a BINGO! Some of them are in this book, and some ask you to use your imagination or go outside.



 Stargaze	 60 mins. of activity	 Read for 20 minutes	Draw a space creature	Watch Read, Write, ROAR!
 Read for 20 minutes	 Watch Math Might	Create your own constellation	Name 3 planets in our solar system	 60 mins. of activity
 60 mins. of activity	Watch Ready Jet Go	 HAVE FUN! (Free Space)	Look at the clouds	 Read for 20 minutes
Watch Read, Write, ROAR!	Make flashlight constellations	 Watch Math Might	Watch InPACT at Home	Visit a new place
Watch InPACT at Home	 Read for 20 minutes	Design a rocket ship	 60 mins. of activity	 Stargaze

# SPACE CREATURE

Scribbles  
and  
Ink



Draw a  
space creature's  
head here!



Have a friend  
draw its  
body here.



Then you  
draw its legs and  
feet here.



[pbskids.org](http://pbskids.org)



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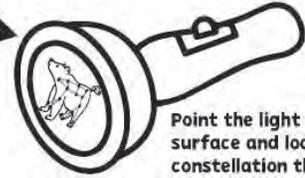
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# Flashlight Constellations

A constellation is a series of stars that form a picture in the sky. Astronomers use it today to help pinpoint the locations of other stars. Ask an adult to help cut out the four constellations and punch small holes on each star. These points are the locations of the stars in each constellation.

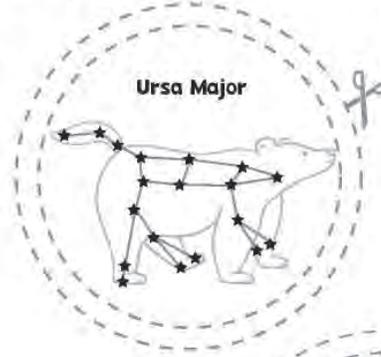
Choose the size circle that fits on your flashlight lens, cutting along the inner or outer dashed circle. Flip the picture so it's facing the flashlight.



Point the light to a dark surface and look at the constellation that shines through. One at a time, identify each constellation and talk about how you identified them.

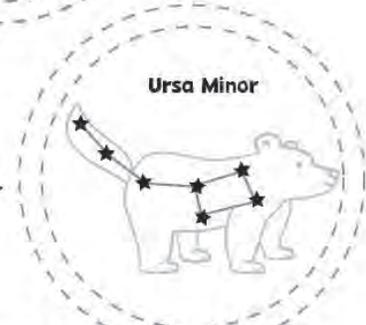
## URSA MAJOR

Ursa Major is also known as The Great Bear. Ancient Greeks tell the story about a beautiful girl named Callisto who was turned into a bear by a mean goddess. A tracker tried to catch the bear, but the Greek God Zeus saved Callisto by placing her up in the night sky where she was safe.



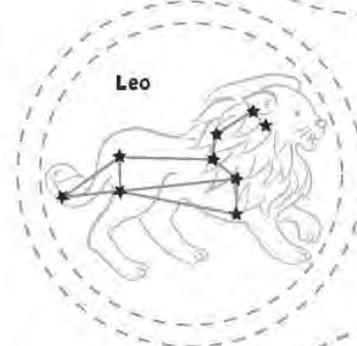
## URSA MINOR

The story of Ursa Minor, or The Little Bear, comes from the Ancient Greeks. Arcas was a great hunter. One day while hunting in the woods, he came across a great bear. Little did he know that was actually his mother, Callisto, who was under a spell. Arcas was about to catch the great bear, but the Greek god Zeus, stopped him just in time and turned Arcas into a little bear so he could be with his mom. Zeus placed the two bears into the sky to keep them safe and protected.



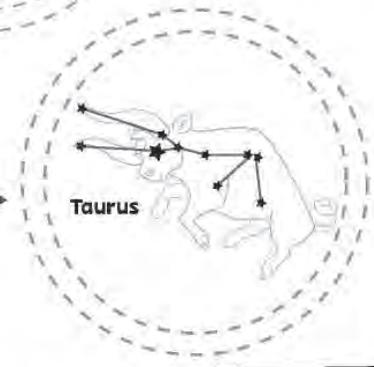
## LEO THE LION

In Greek myths, Leo the Lion lived outside an ancient city called Nemea. For many years, Leo would scoop up people from Nemea and no one would stop him. One day, Hercules went to stop the lion and won. Everyone who the lion had caught was set free. Zeus made Leo a constellation in the night sky to remind people of the story of Hercules and Leo.



## TAURUS THE BULL

The Ancient Greeks tell the story of a wild bull named Taurus who had a bad temper. One day he trampled a field of wild flowers and Persephone, the Goddess of Spring, got very sad. Taurus apologized and they soon became good friends. From then on, every spring, Persephone would ride on Taurus' back and the two of them would make the flowers bloom as they walked by.



WIND DANCER FILMS

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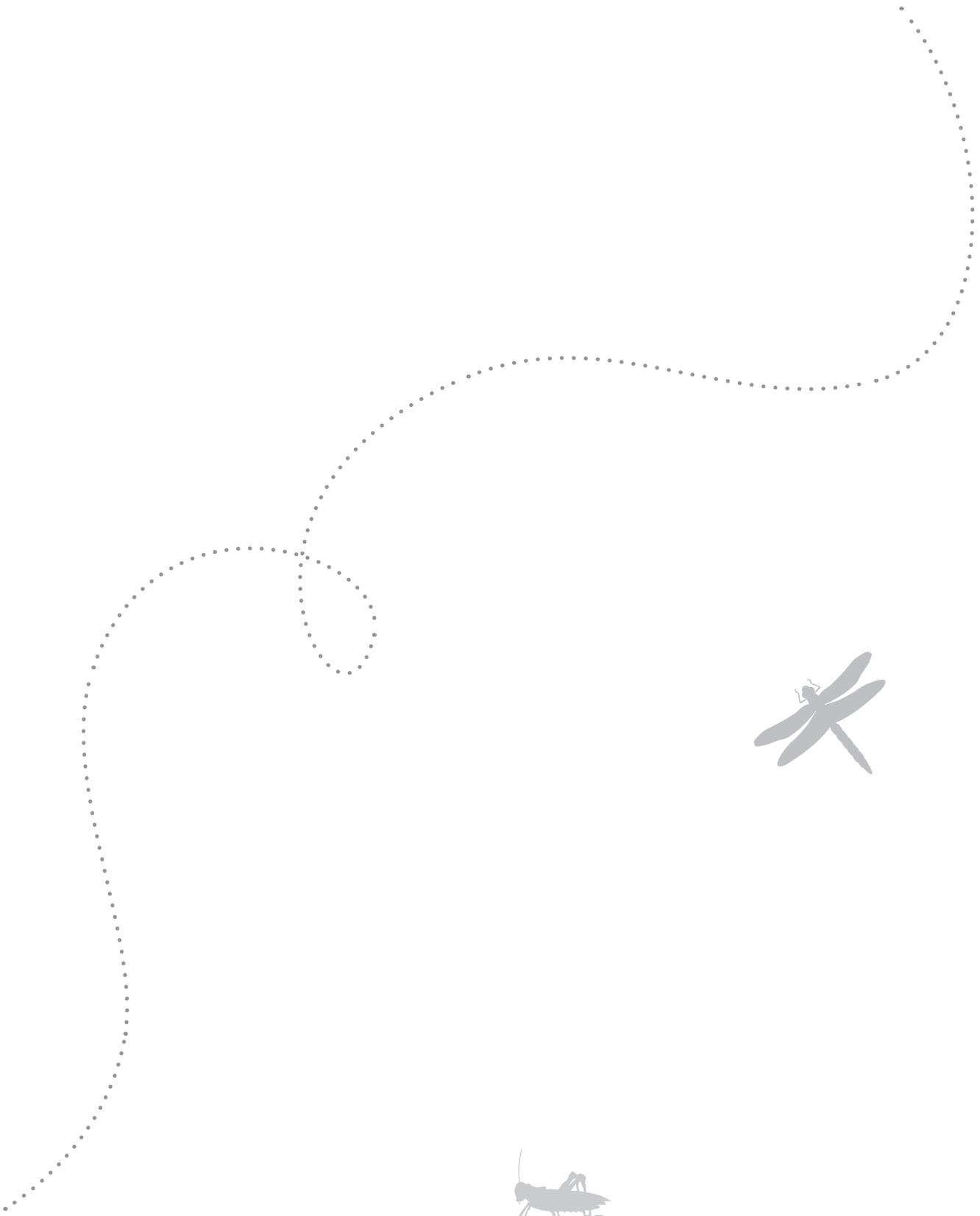
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**This page was left blank to cut out the activity on the other side.**



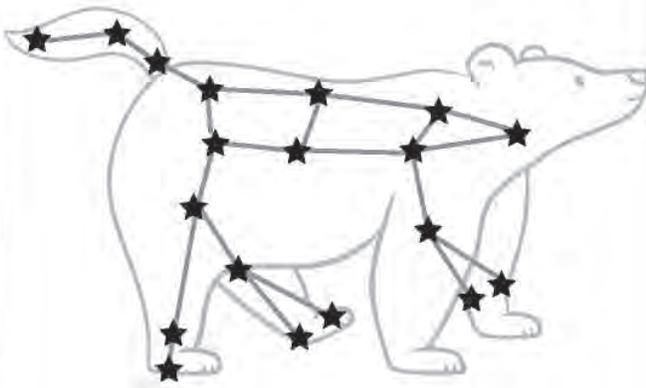


# Flashlight Constellations

## Constellation Key

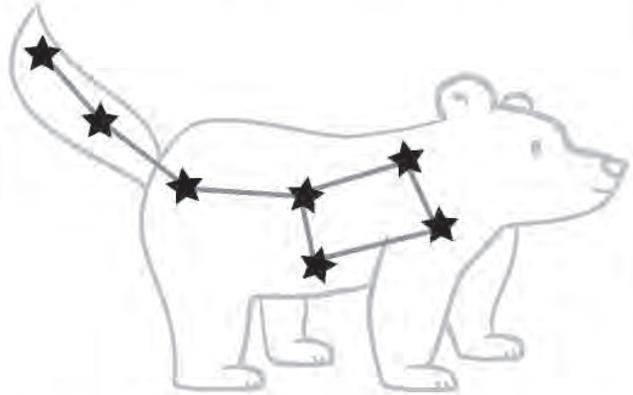
### URSA MAJOR

#### The Great Bear



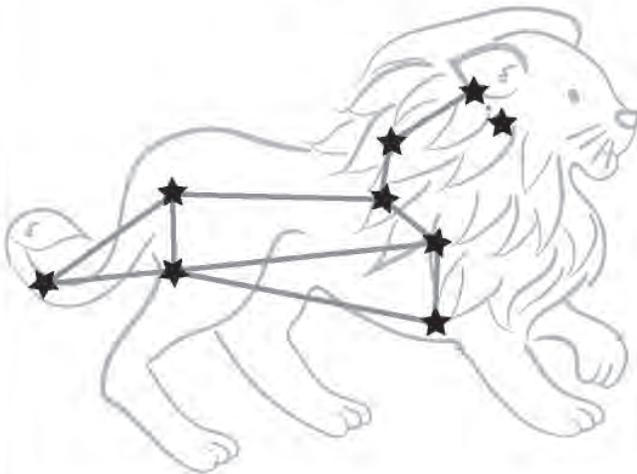
### URSA MINOR

#### The Little Bear



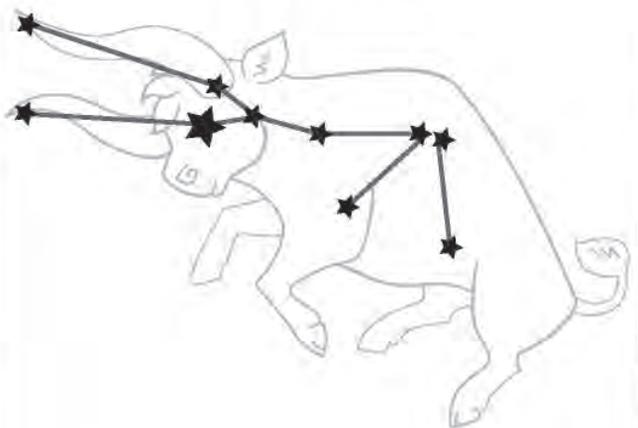
### LEO

#### The Lion



### TAURUS

#### The Bull



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Scan below to watch lesson



# ACTIVITY GUIDE

**Episode 216:** Our Round, Round World and Plurals

**Book:** *It's a Round, Round World* by Ellie Peterson

## Mystery Word

A **noun** identifies a person place, thing or idea.

A **singular** noun names one person place, thing or idea, while a **plural** noun names more than one person, place, thing or idea.

Most singular nouns need an **'s'** at the end to become **plural**.

For example,

**Singular** (1): dog

**Plural** (more than 1): dogs

Regular singular nouns ending in 's', 'ss', 'sh', 'ch', 'x', or 'z' need an **'es'** at the end to become plural.

For example,

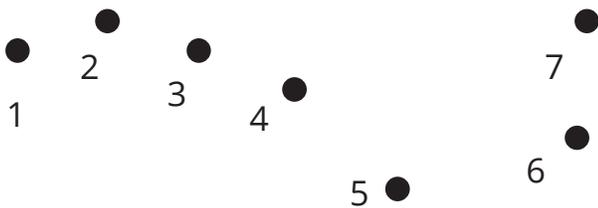
**Singular** (1): glass

**Plural** (more than 1): glasses

## Try It

A **constellation** is a group of stars that forms a shape or picture.

Connect the dots to see the Big Dipper Constellation shape.



## Try It

### **-s or -es?**

Practice making the following nouns plural by adding -s or -es. Remember to look at the ending to decide.

*Words ending with 's', 'ss', 'sh', 'ch', 'x', or 'z' need an 'es'*

- |         |         |
|---------|---------|
| brush__ | can__   |
| tent__  | bus__   |
| hand__  | mess__  |
| pen__   | lunch__ |
| box__   | pin__   |

## Try It

Observation means to notice or see, or watch or listen carefully.

Find somewhere where you can use your senses to make some observations. Write what you hear 🗣️, see 👁️, smell 🤔, or feel 🖐️.

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# ACTIVITY GUIDE

Episode 215: Protecting Our Planet

Scan below to watch lesson



## Read It

Read the following passage out loud. Underline the compound words.

Yesterday, in art class, we were making posters out of cardboard. We used markers, magazines, and watercolor paints. Our posters were all about reducing, reusing, and recycling. We brainstormed ideas on the whiteboard and on notebook paper. When we finished, we posted our classwork in the hallways, the lunchroom, and on the playground.

## Words to Know

**Compound Word** - a word that is made up of two or more smaller words

Types of Compound Words:

A **simple compound word** has two syllables  
**sun + shine = sunshine**

A **complex compound word** has *more* than two syllables.

**after + noon = afternoon**

## Read It

Choose one compound word that you underlined above. Write each word that makes up the compound word on a blank below. Rewrite the word from the paragraph on the next line..

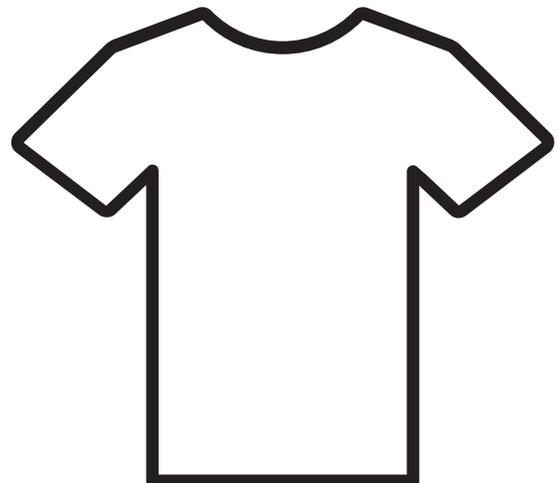
\_\_\_\_\_ + \_\_\_\_\_  
word                      word

\_\_\_\_\_

Is this word a simple or complex compound word?

## Try It

Design your own tee shirt to promote reducing, reusing, and recycling.





# ACTIVITY GUIDE

**Episode 215:** Closed, Open, and V-C-E Part 3

**Book:** *Greta and the Giants* by Zoe Tucker

Scan below to watch lesson



## Think About It

When you are reading a story, think about the way the characters act. What patterns and behaviors do they display?

A character's behaviors and patterns help us make predictions and infer the kind of person they are using our schema (background information).

## Foundational Skills

**Character theory** is the name of the character + your thoughts about the character + evidence in the book that provides support for your thoughts.

## Try It

Use the graphic organizer below to create a **character theory** about a character in a book that you are reading.

Who is the character?

How does the character act? (patterns and behaviors)

\_\_\_\_\_ **is** \_\_\_\_\_ **because**

\_\_\_\_\_.

\_\_\_\_\_ **is** \_\_\_\_\_ **because**

\_\_\_\_\_.

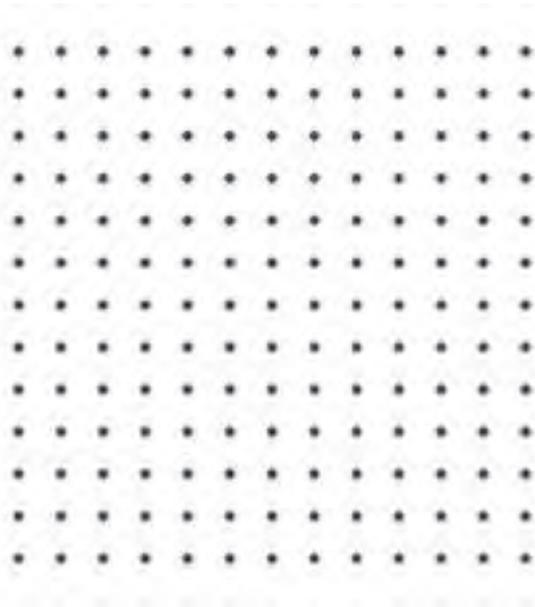
\_\_\_\_\_ **is** \_\_\_\_\_ **because**

\_\_\_\_\_.

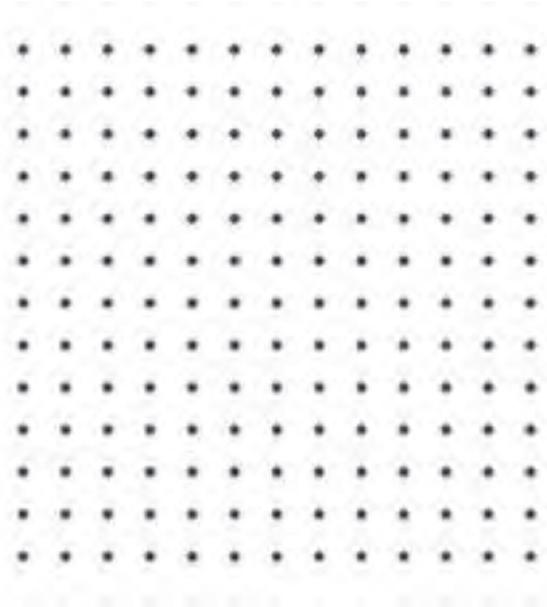


# Draw Triangles, Rectangles, and Squares

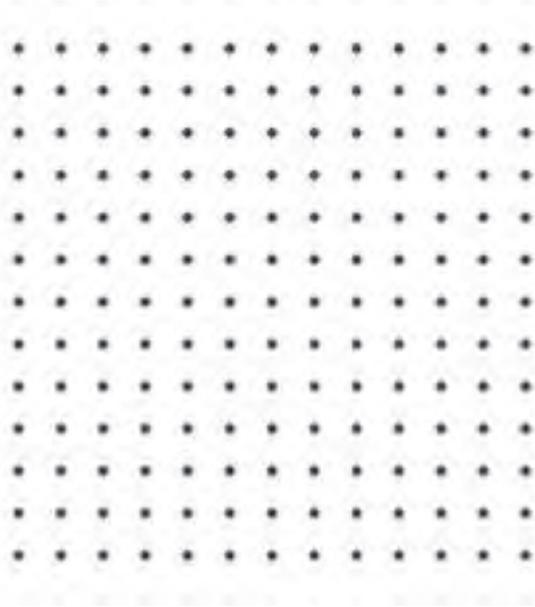
Draw a triangle.



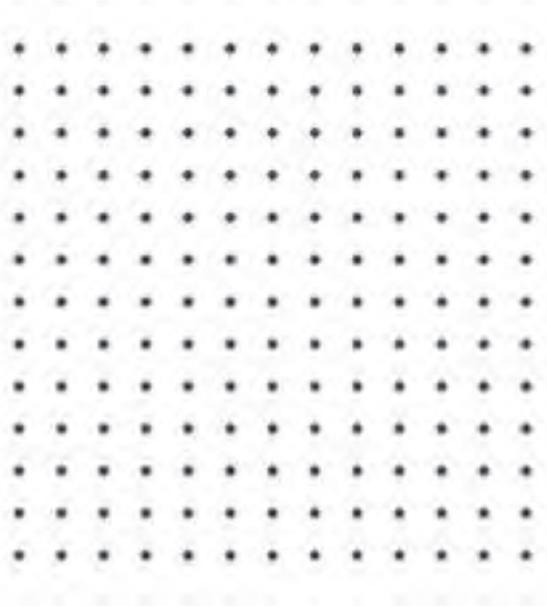
Draw a non-triangle.

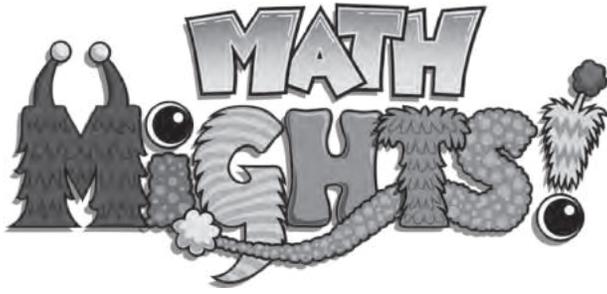


Draw a rectangle.



Draw a non-rectangle.





# The Toy Store

Look at the prices of the toys, then answer the questions on the following page.



soccer ball  
\$1.00



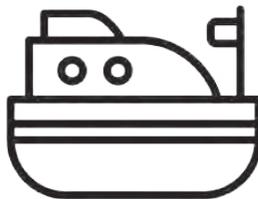
puzzle  
15¢



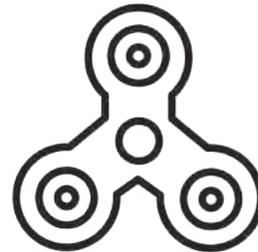
airplane  
25¢



castle  
99¢

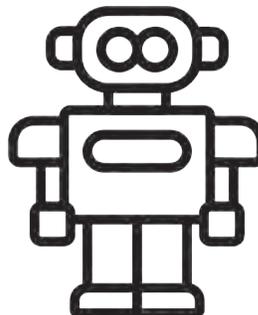


boat  
20¢



fidget spinner  
30¢

bear  
39¢



robot  
75¢

I bought three robots and a soccer ball. How much did I spend?

I bought two toys and spent 40¢. What might I have bought?

I bought a castle and a fidget spinner and gave the shopkeeper 6 quarters. How much change did I receive?

You buy a boat and four airplanes. How much do you spend?

Ben buys 2 robots and a puzzle. How much change will he get from a 5 dollar bill?

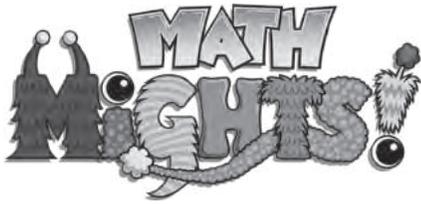
I buy one bear and two castles. How much do I spend?

Choose any one item from the store. Show what coins you could use to pay the exact cost.

Choose any two items from the store. Show what coins you could use to pay the exact cost.

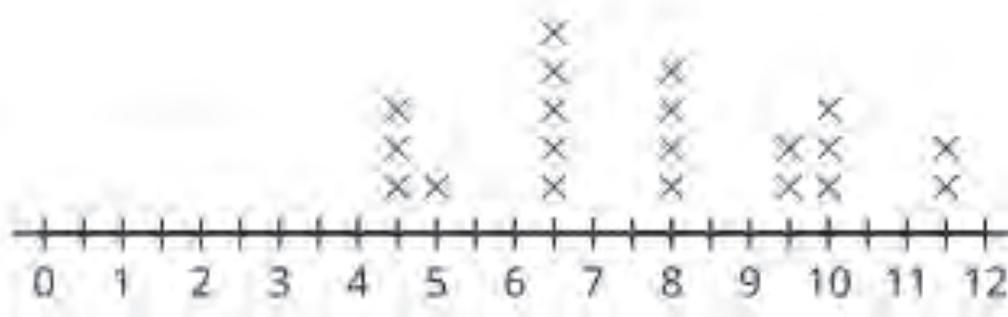
You buy five puzzles. How much change do you get from a one dollar bill?

I spent \$1.19 at The Toy Store. What might I have bought?



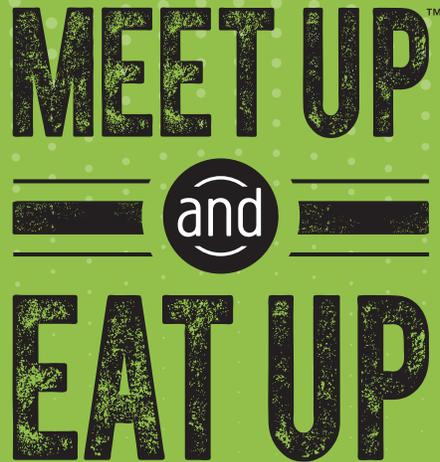
## Interpret Data From a Line Plot

**Directions:** Select **ALL** of the statements that are true about the measurements in the line plot below.



length of paper airplanes (inches)

- A. 5 paper airplanes had a length of  $6 \frac{1}{2}$  inches.
- B. 6 paper airplanes had a length of  $9 \frac{1}{2}$  inches.
- C. There were 12 paper airplanes measured.
- D. There were 20 paper airplanes measured.
- E. The shortest paper airplane was 5 inches.
- F. The shortest paper airplane was  $4 \frac{1}{2}$  inches.



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Meet Up and Eat Up provides FREE nutritious meals for children and teens 18 years and younger.

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**Call: 211**

**Text: Food to 304-304**

**Mande por texto "Comida" al 304-304**



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