

Below are some familiar baseball images cut in half. Each one is divided by its **line of symmetry**. Can you work with a family member to finish each drawing?

## STEM OF BASEBALL \*Science, Technology, Engineering, Math

# Does a curve ball really curve?

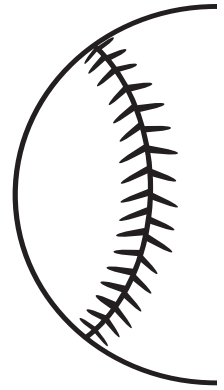
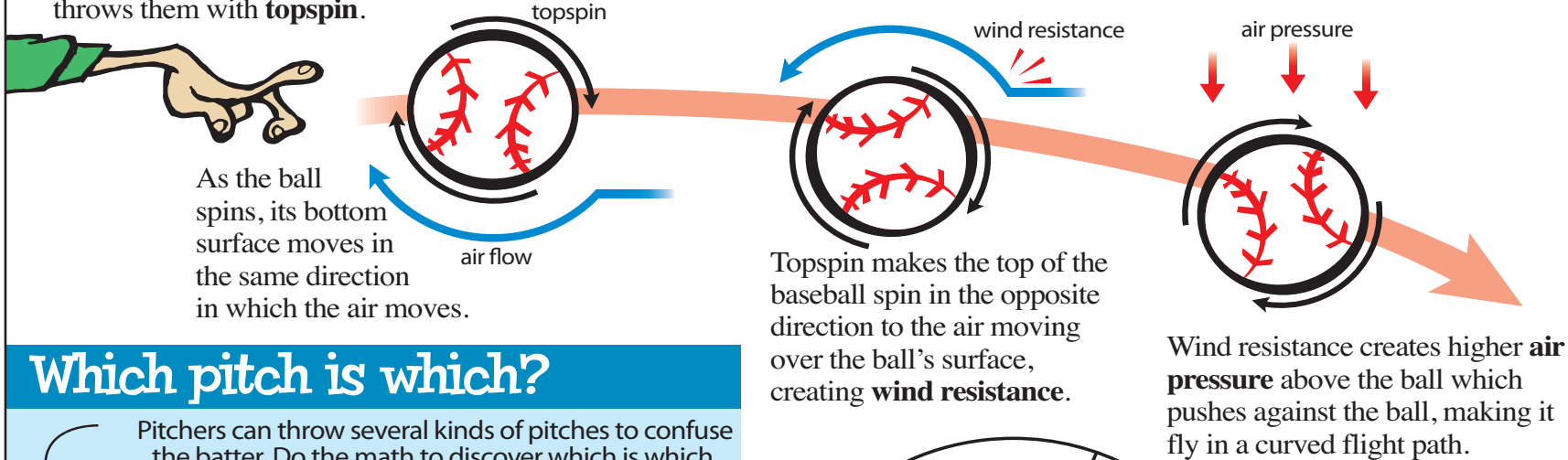


People used to think curve balls were just an illusion. But thanks to technology and the

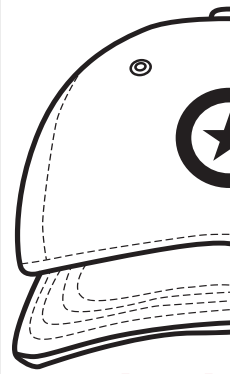
science of physics, we now know that a baseball actually does curve, as much as 18 inches, when thrown by a skilled pitcher.

## Curve Balls: Forces and Motion!

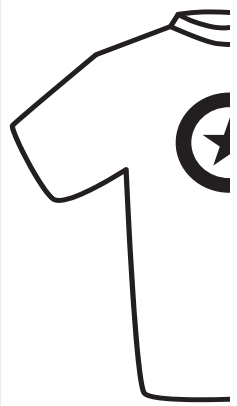
Curve balls start when a pitcher throws them with **topspin**.



baseball



baseball cap



t-shirt



bat

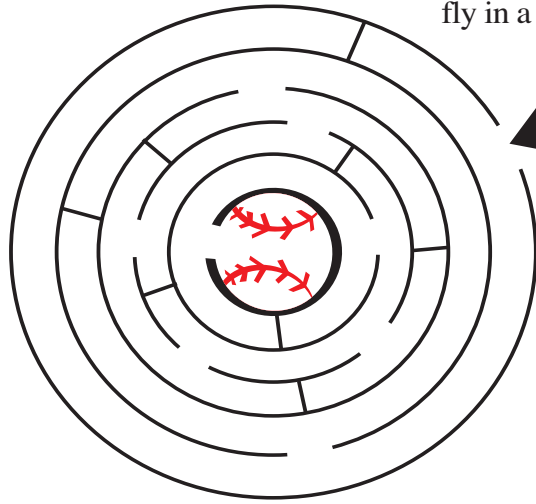
### Which pitch is which?

Pitchers can throw several kinds of pitches to confuse the batter. Do the math to discover which is which.

**13:** This pitch makes the ball curve away from the batter.

**9:** This ball curves down and away from the batter.

**10:** This ball drops suddenly just before it reaches home plate.

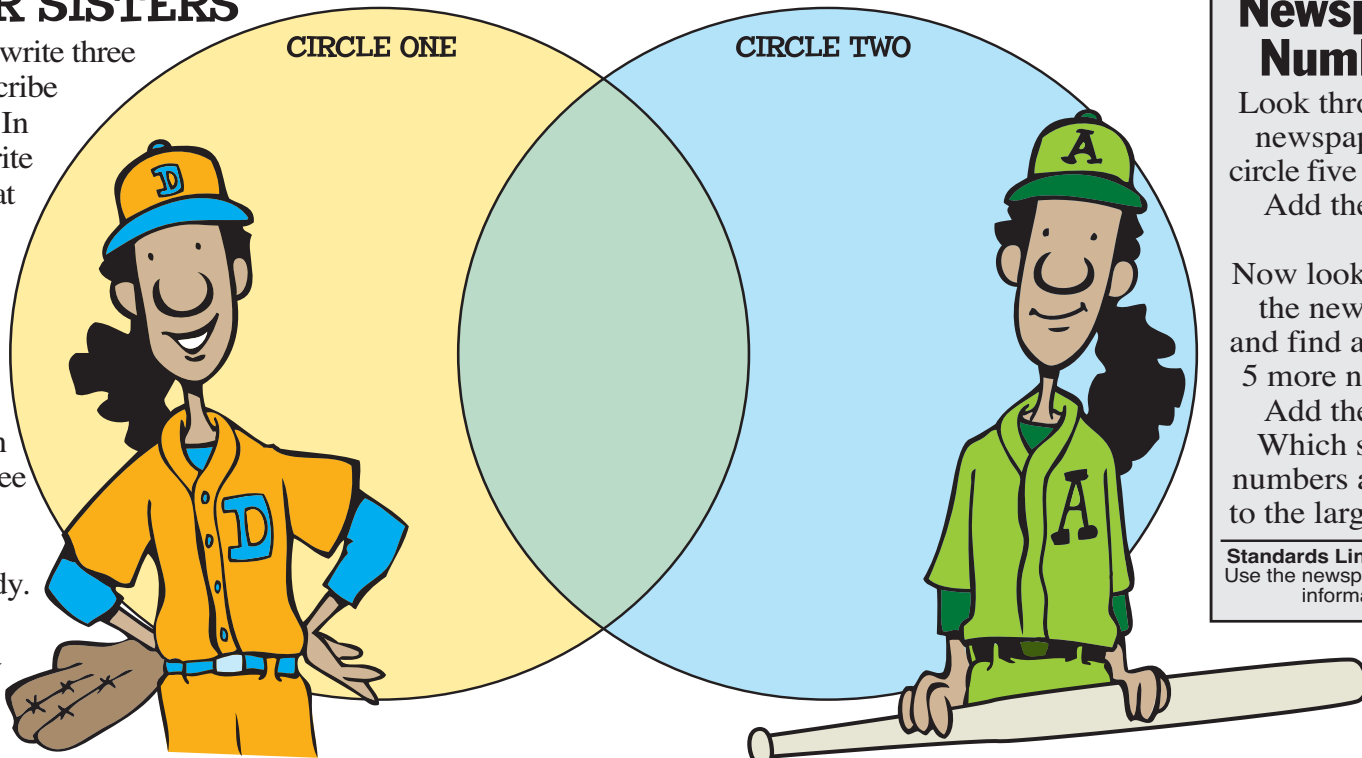


Follow the curved paths to reach the baseball.

7 + 3 = SPLITTER | 7 + 6 = CUTTER | 11 - 2 = SCREWBALL

### SLUGGER SISTERS

In Circle One, write three words that describe Stacy Slugger. In Circle Two, write three words that describe her sister, Sandy Slugger. Where the circles intersect or cross over each other, write three words that describe both Stacy and Sandy.



This is called a Venn diagram.

### Extra! Extra!

#### Newspaper Numbers

Look through the newspaper and circle five numbers. Add them up.

Now look through the newspaper and find and circle 5 more numbers. Add them up. Which set of 5 numbers added up to the largest sum?

**Standards Link:** Research: Use the newspaper to locate information.

### Kid Scoop Puzzler

At the end of the ninth inning, the numbers fell off the baseball stadium scoreboard. Add up each team's runs to see who won the game.

**DRAGONS:** 1, 3, 1, 1, 4, 5, 1, 1, 1

**WOLVERINES:** 1, 2, 4, 3, 3, 1, 2, 1, 0

### Double Double Word Search

Find the words in the puzzle. Then look for each word in this week's Kid Scoop stories and activities.

TECHNOLOGY  
BASEBALL  
PRESSURE  
SCIENCE  
PITCHER  
SCORES  
FLIGHT  
CURVE  
PLATE  
MATH  
GAME  
HOME  
WIND  
BALL  
AIR

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

**Standards Link:** Letter sequencing. Recognized identical words. Skim and scan reading. Recall spelling patterns.

### Kid Scoop VOCABULARY BUILDERS

This week's word: **SYMMETRY**

The noun **symmetry** means something that is the same or balanced on both sides of a dividing center line.

A baseball has **symmetry** because it is the same on both sides.

Try to use the word **symmetry** in a sentence today when talking with your friends and family members.

### FROM THE Kid Scoop LESSON LIBRARY

#### Baseball Math Fact

Find the score of a game. Create a math fact or number sentence about that score. For example if the Giants beat the Cubs 9 to 3, the number sentence would be 9 - 3 = 6.

**Standards Link:** Number Sense: Students write and solve number sentences from problem situations that express relationships involving addition and subtraction.



**How is a baseball team similar to a pancake?**

**ANSWER:** The both need a good batter.

### Write On! My Favorite Sport

Write a paragraph telling others about your favorite sport and why it is your favorite.

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