

STEM OF BASEBALL *Science, Technology, Engineering, Math

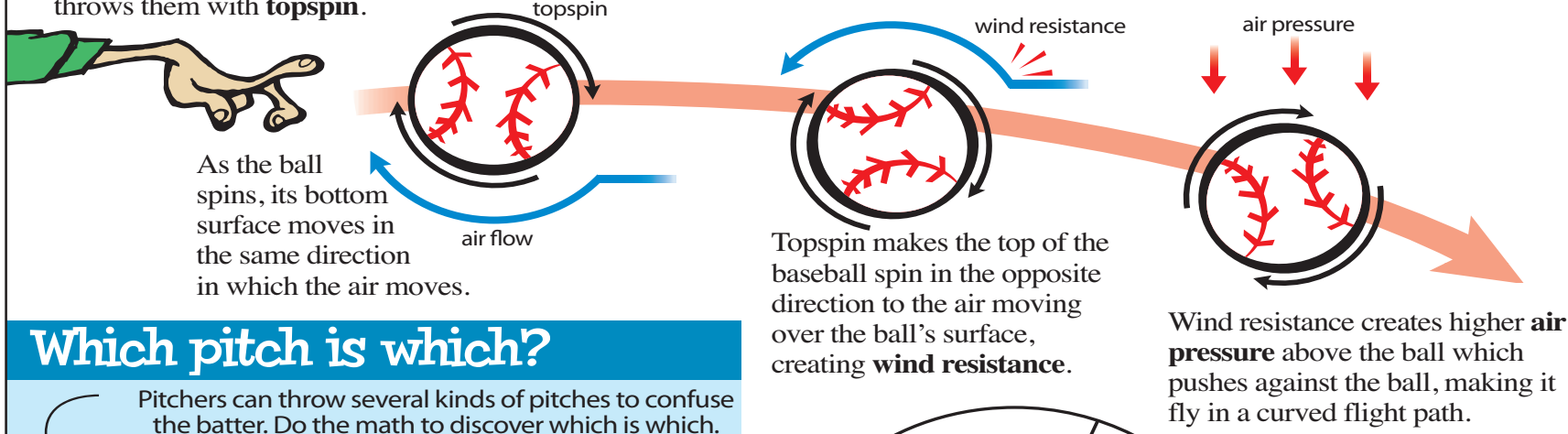
Does a curve ball really curve?



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**.



Which pitch is which?

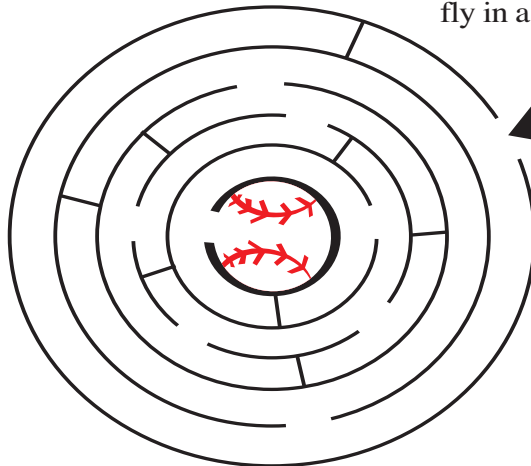
Pitchers can throw several kinds of pitches to confuse the batter. Do the math to discover which is which.

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

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

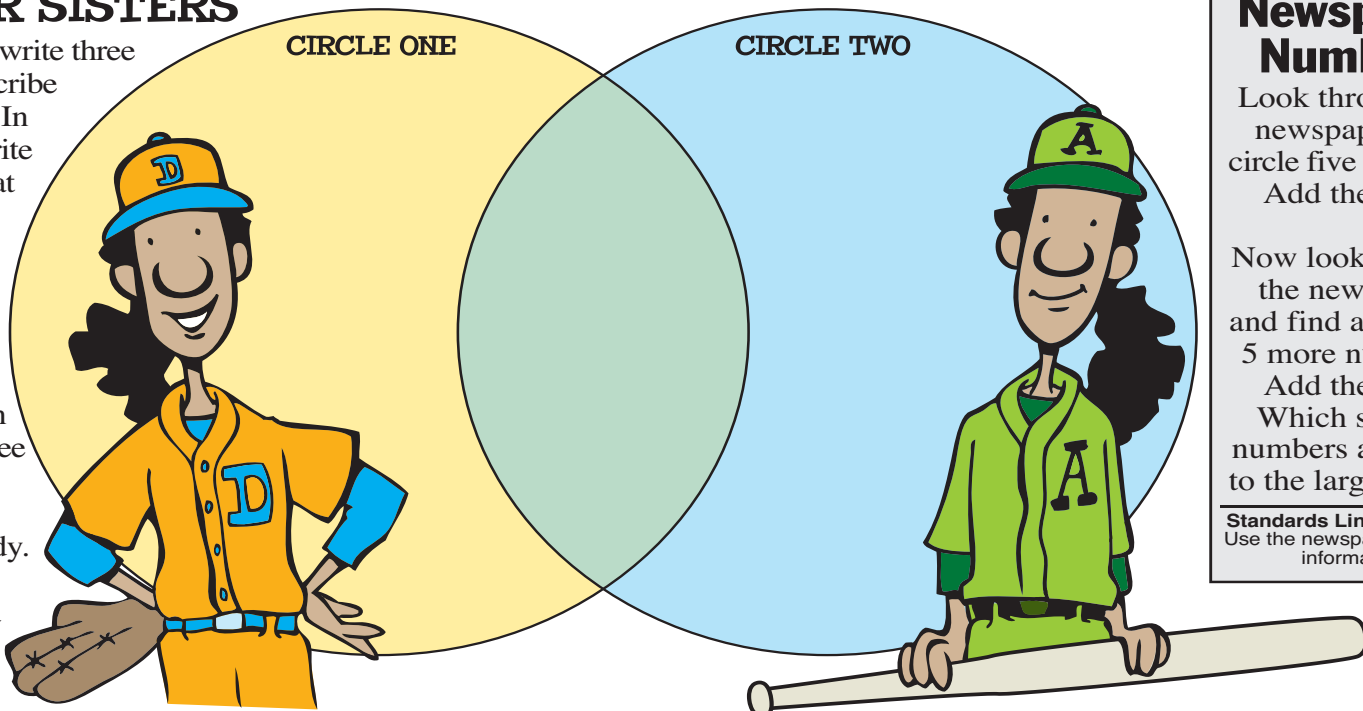
10: This ball drops suddenly just before it reaches home plate.

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

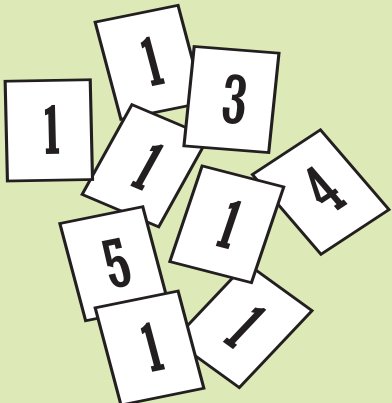
Look through the newspaper and circle five numbers. Add them up.

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?

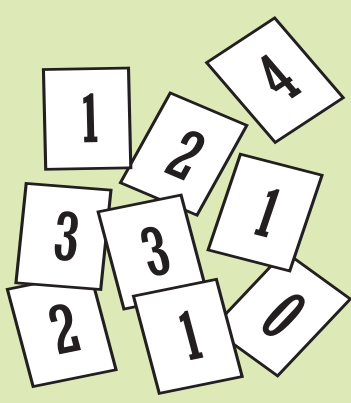
Standards Link: Research: Use the newspaper to locate information.

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:



WOLVERINES:

Double Double Word Search

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

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



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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