# Arkansas

Penn Bowl VIII: ROUND 15 TOSSUPS Arkansas

1. Earth's bond value of it is .33 and the moon's is .12. The normal value of the asteroid Ceres is .09, snow is 1.0, and charcoal is .04. Normal is measured by viewing the object from above, while bond is measured by orbiting satellites. These are the two types and values of, FTP, what measurement of the amount of light reflected off a body or surface?

ANSWER: albedo

- 2. Their performing names were Otis, Charlie, Lefty, Nelson, and Lucky--and they all had the same last name. When Lefty died in 1988, the remaining members changed their names to Clayton, Muddy, Spike, and Boo. This all-star band's only albums were *Volume1* and *Volume 3*. FTP, name this band that really consisted of Jeff Lynne, Tom Petty, Roy Orbison, George Harrison, and Bob Dylan. ANSWER: The *Traveling Wilburys*
- 3. In 1988 the Rodrigo Franco command, encouraged by senior government officials, began killing and imprisoning academics and others who showed sympathy for this movement. In 1992 its leader, Dr. Abimael Guzman, was captured in 1992 and sentenced to life imprisonment. Spawning such other revolutionary groups as the Tupac Amaru movement, FTP, name this Peruvian communist guerrilla movement.

ANSWER: Shining Path or Sendero Luminoso

- 4. The Prussian force numbered about 30,000 while the Austrians under Count Daun and Charles of Lorraine numbered nearly 90,000. The Prussians feigned an attack on the Austrian right flank, but then withdrew and attacked their left, crushing their enemy. FTP, name this 1757 battle of the Seven Years' War, often called Frederick the Great's greatest victory.

  ANSWER: Battle of *Leuthen*
- 5. In different scenes its star portrays a Mexican freedom-fighter, an E.T.-type character, and Jesus from Ben-Hur. It was narrowly defeated by *Puke-a-hontas* at the Springfield Film Festival and by George C. Scott's *Man Getting Hit by Football* at the Oscars. FTP, name this Señor Spielbergo-directed film starring Springfield's evilest and wealthiest resident.

  ANSWER: A *Burns for All Seasons*
- 6. At 16,066 feet, it's located in the Ellsworth Mountains and was first scaled in 1966 by an American expedition led by Nicholas Clinch. Although it has a French-sounding name, it was named after a Georgia politician who served in the US House of Representatives for a record 50 years, from 1914-64. FTP, name this mountain, the highest peak in Antarctica? ANSWER: Mt. Vinson Massif [mah-SEEF]
- 7. Two of the order's largest abbeys in the British Isles were Fountains Abbey in Yorkshire and Tintern Abbey in Monmouthshire in Wales. It was founded in 1098 by Robert of Molesme and, it was shaped greatly by Bernard of Clairvaux. FTP, what is this order popularly known as the Whitefriars, an offshoot of the Benedictines, founded in Citaux [see-TOH], France?

  ANSWER: the *Cistercian* s
- 8. Born in Vienna, he founded and edited *Der Jude* [dare YOO-duh] from 1916-24. He became a professor of comparative religion and then directed an institute for Jewish adult education. In 1938 he fled from the Nazi regime to Palestine. FTP, name this major figure of religious existentialism and author of the 1923 work *I and Thou*. ANSWER: Martin *Buber*
- 9. Napoleon III let his honored guests use forks and spoons made from this metal, once extremely rare in pure form. In 1886 a process for purifying it using molten cryolite was discovered almost simultaneously by Charles Hall in the US and Paul Heroult [HUH-roo] in France. FTP, name this metal usually found in nature in the ore bauxite.

  ANSWER: Al uminum
- 10. His works include *The Psychology of Intelligence* and *The Language and Thought of a Child*. His theories are centered on the concept that children perceive the world by observing regularities and making generalizations, as do scientists. As a result of this scientific behavior, children gain the tools to proceed to the next of four stages of their development. FTP, name this 20th century Swiss psychologist.

ANSWER: Jean Piaget

- 11. A massive granite edifice, it was constructed by Juan Bautista de Toledo and his successor, Juan de Herrera. It houses a substantial library and a fine art gallery with works by Titian, El Greco, and Velasquez. FTP what is this 16th century palace/monastery complex built for Philip II outside Madrid?

  ANSWER: El Escorial
- 12. He began as a poet but saw that didn't pay very well, so he turned to prose, first publishing the unsuccessful fantasy *The Shaving of Shagpat: An Arabian Entertainment* in 1855. His fame grew, however, with the publishing of such novels as *Evan Harrington* and *Richard Feveral*. FTP, name this Victorian most famous for his 1879 work *The Egoist*. ANSWER: George *Meredith*
- 13. In this opera, subtitled "Wedded Love," Florestan, a Spanish nobleman thrown into prison, is followed by a young man, actually his wife Leonore in disguise. The tyrannical governor Pizarro tries to kill Florestan, but Leonore stops him, and all the prisoners are eventually

released. FTP, this describes what opera, the only one by Ludwig van Beethoven? ANSWER: *Fidelio* [prompt on "*Leonore*", the original name]

14. Now occupied by the Turkish city of Bodrum, according to tradition, it was founded as Caria by Dorian Troezen. It later became the capital of a small despotate, the famous ruler of which was a woman, Artemisia. The birthplace of Herodotus, its main building was a square structure containing Ionic columns topped by a 24-step pyramid and a large horse-drawn chariot. FTP, name this ancient city famous for the Mausoleum.

ANSWER: Helicarnassus

15. His 44-game hitting streak in 1897 was a record until Joe DiMaggio broke it 44 years later. Who was this star of the Baltimore Orioles and New York Highlanders during the dead ball era, who FTP, when asked by a member of the press about his batting strategy, replied, "I hit 'em where they ain't?"

ANSWER: William "Wee Willie" Keeler

16. She was celebrated for her marriage songs, but also wrote hymns, mythological poems, and personal love poetry. Of her nine major works, only fragments remain, some recently discovered on Egyptian papyri. Who was this poet born circa 630 BC at Eressos on the island of Lesbos?

ANSWER: Sappho of Lesbos

17. Frederick Gowland Hopkins won the 1929 Nobel Prize for the discovery of the role of these compounds, which he termed "accessory substances." The name by which they are now known was coined by Casimir Funk. However, the final "e" was dropped from their name when it was discovered they don't all contain nitrogen. FTP, name these co-enzymes, like cobalamin, that Funk thought were "vital amines."

ANSWER: vitamin s

- 18. By 1813 he was "out of fashion," having quarreled with the Prince Regent, later George IV. In 1816, he fled to France, where he died in an insane asylum in 1840. His elegance, style, and friendship with the Regent enabled him to dictate Regency fashion in the early 1800s. FTP, name this English dandy, after whom the British pop group that recorded "Laugh, Laugh" was named. ANSWER: George "Beau" *Brummel*
- 19. There's no direct English translation of his first name, but it's similar to "uncle," and is used as a title of respect. When he died in 1972, his body became the object of a tug-of-war between university students and military forces in Rangoon. FTP, name this Burmese diplomat, the third Secretary-General of the UN.

ANSWER: U Thant [tahnt]

- 20. This compilation of 228 Latin and German poems was discovered in the monastery at Benediktbeuern [BOI-uhrn] in 1803. Probably written around 1230, there are moral-satirical poems, love poems, and poems of camaraderie, including many drinking songs. FTP, name this group of poems, of which 24 were selected, including "O Fortuna!", for the masterpiece of Carl Orff? ANSWER: *Carmina Burana*
- 21. This 1956 film featured Bela Lugosi's last performance. He died during the production so his role was completed by the director's wife's chiropractor who remained hooded, but was still noticeably taller and younger than Lugosi. FTP, name this film directed by Ed Wood, which Leonard Maltin has called the worst film ever made.

  ANSWER: Plan 9 from Outer Space [do not accept Showgirls], even if it does challenge Plan 9 for the title]
- 22. This physicist was educated at Trinity College and was elected to the Royal Society in 1776. His major work, A Treatise on Rectilinear Motion explains many of his demonstrations using gravity. FTP name this creator of a machine consisting of various weights attached to strings and pulleys.

  ANSWER: George Atwood
- 23. Every complete formulation consists of two parts, the text proper, and the *isnad*, the chain of transmitters that allows its veracity to be determined. Because the Qur'an was very restrained and obscure in many areas, Muslims turned to these six major collections. what is the term for these sayings attributed to the prophet Muhammad? ANSWER: *al- Hadith*
- 24. Originally entitled *On the Run*, it concerns Donal Davoren, whom people think is an IRA hero, though Mr. Maguire is the real IRA operative. Maguire leaves a briefcase of explosives with Davoren, and Davoren's admirer Minnie Powell is apprehended and taken toward jail. Ironically, she's killed when the police car carrying her is ambushed by the IRA. FTP, this is the plot of what play by Sean O'Casey? ANSWER: *The Shadow of a Gunman*
- 25. Before this team got its current name in 1900, it went through several less successful names, including the Old Gold Knights, the Antelopes, and the Bugeaters. This football powerhouse won its first of five national championships in 1970 under Bob Devaney. FTP, name this university whose team is now coached by Frank Solich, who replaced the legendary Tom Osborne? ANSWER: University of *Nebraska* at Lincoln or *Cornhuskers*
- 26. His early works include *The High Price of Bullion* and *Reply to Mr. Bosanquet's Practical Observations on the Report of the Bullion Committee*, published in 1810 and 1811. This English-born Jewish economist educated in the Netherlands in 1817 wrote his most famous work, *On the Principles of Political Economy and Taxation*. FTP, name this economist who developed an Iron Law of Wages. ANSWER: David *Ricardo*
- 27. The project is slated for completion in 2009 and it will have displaced over 1.2 million people by then. It is located in the Hubei province, and not since the construction of the Grand Canal has China had such a major water-related project. FTP name this world's largest dam that will form a 350 mile-long resovoir on the Yangtze.

## ANSWER: Three Gorges Dam

28. Much of his life is similar to that of the character he's famous for, such as collecting classic cars and searching for sunken ships through the National Underwater and Marine Agency, which this author founded. FTP, name this best-selling author whose tough-guy character Dirk Pitt appears in such novels as Shock Wave , Inca Gold , and Raise The Titanic! .

ANSWER: Clive Cussler

- 29. He learned the art of printing in Cologne and set up his first shop in Belgium, printing Recall of the Histories of Troy, his translation of a French romance, which became the first book printed in English. FTP, name this early printer of Mallory and Chaucer. ANSWER: William Caxton
- 30. This city was known in Roman times as Durocaturum [doo-roh-kuh-TOH-rum] and was the traditional place of the crowning of French kings since Clovis's baptism here in 496. The capital of the Champagne region, on May 7, 1945, the German High Command officially surrendered to Dwight Eisenhower here. FTP, name this French city famous for its magnificent cathedral. ANSWER: Reims or Rheims

Penn Bowl VIII: **ROUND 15 BONI** Arkansas

1. 30-20-10. Name the actor.

[30] He was slated to be Indiana Jones in Raiders of the Lost Ark, he couldn't get out of his TV contract and was thankfully replaced by Harrison Ford.

[20] In the 1990s he's been in such films as In and Out , Christopher Columbus: The Discovery , and Mr. Baseball .

[10] He is best known for his 1980s TV role as Thomas Magnum.

ANSWER: Thomas (Tom) Selleck

2. Answer the following about Scottish history for ten points each.

a. The Scots led by Mel Gibson/William Wallace were defeated in this 1298 battle by Edward I Longshanks and his English longbows. ANSWER: First Battle of Falkirk

b. This village in central Scotland was the site of the Scottish coronation stone, which is now located in Westminster Abbey and used in British coronations.

ANSWER: Scone [skoon]

c. This city's cathedral, once Scotland's largest, was plundered by Protestants in 1559 and now stands in ruins. Many of the town's older buildings are at least partially made from its stones. ANSWER: St. Andrews Cathedral

3. Name these 1998 World Cup players, 10 points each.

a. With his game-winning goal against Argentina in the quarterfinals, he became the leading scorer in Dutch history.

ANSWER: Dennis Bergkamp

b. This 18-year-old English sensation is remembered for his breakaway goal in a losing second-round effort against Argentina.

ANSWER: Michael Owen

c. This Danish goalkeeper helped the Danes make the quarterfinals before losing to Brazil.

ANSWER: Peter Schmeichel

## 25 POINT BONUS

4. Identify these things that alter gene pools, for the stated number of points.

[10] Random events may bring death or parenthood to some individuals regardless of their genetic makeup, and the resulting random change in the gene pool is known as this.

ANSWER: genetic drift

[15] This case of genetic drift is when the ancestors of a new population lack some of the genes of the old one. This effect is thought to play an important role in island evolution.

ANSWER: founder effect

5. 30-20-10. Name the composer from works.

[30] The oratorios The Apostles and The Kingdom
[20] Sea Pictures and The Dream of Gerontius [zhuh-RON-tee-us]

[10] Enigma Variations

ANSWER: Sir Edward William Elgar

6. Name the following legal terms, 10 points each.

a. In this type of contract, a group agrees that the last surviving participant gets the reward--often used in insurance policies and once with the Fighting Hellfish on an episode of *The Simpsons*.

ANSWER: tontine

b. This is a wrongful act for which a civil action will occur instead of a criminal one.

ANSWER: tort

c. In Anglo-American law, in this relationship, one person has the power to manage property; the other has the privilege of receiving the benefits from that property.

ANSWER: trust

7. Identify the following European stadiums, 10 points each.

a. This St. Dénis [sahn day-NEE] stadium hosted the 1998 World Cup finals.

ANSWER: Stade de France

b. The 1966 World Cup finals and the 1948 Olympic track and field events were held at this site.

ANSWER: Wembley Stadium

c. The world's largest stadium is in this European capital city.

ANSWER: Prague , Czech Republic

8. Name these following literary characters for ten points each.

a. This title character of Dostoyevsky's *The Idiot* has an unsettling effect on the uppity Yepanchin [yeh- PAAN-cheen] family.

ANSWER: Prince Myshkin [MISH-keen]

b. His character is based on American transportation magnate Charles Yerkes and is the chief figure in Dreiser's *The Financier, The Titan*, and *The Stoic* .

ANSWER: Frank Algernon Cowperwood

c. A former World War I aviator, he searches for the meaning of life in W. Somerset Maugham's The Razor's Edge .

ANSWER: Larry Darrell

9. Name the following from Norse mythology, 10 points each.

a. This squirrel runs up and down the tree Yggdrasil.

ANSWER: Ratatosk

b. This is the name of the guardian of Bifrost, the rainbow bridge

ANSWER: Heimdall or Gullintanni

c. A never-ending supply of pork for the heroes in Valhalla came from this boar.

ANSWER: Saehrimnir

#### 25 POINT BONUS

10. Name the famous English translators from the clues provided for the stated number of points.

[10] In 1859 he released his The Rubaiyat of Omar Khayyam .

ANSWER: Edward Fitzgerald

[15] He is known for his early 20th century translations of works of Chinese and Japanese literature such as Monkey and The Tale of the Genji .

ANSWER: Arthur Waley

11. Identify these characters from Max Cannon's alternative comic Red Meat , 10 points each.

a. This Mark Trail-like character, known for his pipe, burned Johnny Lemonhead's house down.

ANSWER: Ted or Ted Johnson

b. This uniformed man is a high school science teacher fired for dipping live rabbits in liquid nitrogen and breaking them on the countertop.

ANSWER: Milkman Dan

c. Known for his staring directly at the reader, this strange-looking fellow has been plagued by an eerie glowing skull in the background.

ANSWER: Bug-Eyed Earl

#### 25 POINT BONUS

12. Name these people related to Watson and Crick's DNA discoveries, for the stated number of points.

[10] Her x-ray diffraction studies helped Watson and Crick see why their original model was incorrect and that the double helix model was consistent with her data.

ANSWER: Rosalind Franklin

[15] While Franklin's work went largely unrecognized, this New Zealander who hired Franklin received the 1962 Nobel Prize along with Watson and Crick.

ANSWER: Maurice Wilkins

13. Name the Christian martyr from his or her cause of death, 10 points each.

a. Archdeacon of Rome at the time of Pope Sixtus II, Vespasian roasted him alive on a gridiron.

ANSWER: Saint Lawrence

b. This Bishop of Paris, patron saint of headaches, was beheaded around 275. Before dying, he picked up his head and walked to the site where an abbey now stands in his honor.

ANSWER: Saint Dénis [DAY-nees]

c. Patron saint of the blind, during Diocletian's reign, her eyes were gouged out. She is often depicted holding a plate of eyeballs.

ANSWER: Saint Lucy

14. Answer these questions on the Brazilian currency crisis, 10 points each.

a. This is the Brazilian currency being devalued.

ANSWER: real [ree-AHL]

b. This devaluation has caused this President's government serious financial woes.

ANSWER: Fernando Henrique Cardoso [not "Cordoso"]

c. On January 21, the crisis caused a 4.75% drop in total value on this, Brazil's principal stock market.

ANSWER: the Sao Paolo Stock Exchange

- 15. Name the class of organic compound, given its general structure, 10 points each.
- a. A carbonyl attached to two alkyl groups ANSWER: ketone s

- b. A carbonyl attached to an alkyl and an OHANSWER: carboxylic acid or carboxylate
- c. Two alkyls bonded to a single oxygenANSWER: ether s

16. Name these 19th-century treaties between the US and Britain, for the stated number of points.

[5] This 1842 treaty, the result of the lumberjacks' dispute known as the Aroostook War fixed the present border between Maine and Canada.

ANSWER: Webster-Ashburton Treaty

[10] This 1817 treaty, a sequel to the Treaty of Ghent, called for mutual disarmament on the Great Lakes.

ANSWER: Rush-Bagot Agreement or Treaty

[15] This convention named for the year it was held gave America rights to fisheries off Labrador, and fixed much of the boundary between the US and British North America along the 45th parallel.

ANSWER: Convention of 1818

17. Answer the following about the most lopsided college football game in history, 10 points each.

a. In 1916, this team lost to Georgia Tech; their longest gain was a four-yard loss .

ANSWER: Cumberland College

b. Georgia Tech was coached by this legend.

ANSWER: John Heisman

c. Ten points if exact, and 5 if within 10, how many points did Georgia Tech score in their shutout?

ANSWER: 222 [10] or 212 to 232 [5]

18. Ten points each, name the following political figures assassinated in the last twenty-five years.

a. This Italian prime minister, president of the Christian Democrats, was kidnapped by Red Brigade guerrillas and killed in 1978.

ANSWER: Aldo Moro

b. In 1986 this Swedish prime minister was shot outside a movie theater on his way home with his wife.

ANSWER: Olaf Palme

c. In 1996, this major Hamas [hah-MAHS] operative was killed by a booby-trapped cell phone.

ANSWER: Yaha Ayyash

19. Ten points each, name these places that begin with the letter "Z".

a. This island in the Indian Ocean merged with Tanganyika to form Tanzania.

ANSWER: Zanzibar

b. This Spanish city's name comes from a corruption of "Caesar Augustus."

ANSWER: Zaragoza [SAH-ruh-GOH-sah or ZAH-ruh-GOH-zah]

c. This city in Ohio is America's largest city that falls into this category.

ANSWER: Zanesville

20. For the stated number of points, answer the following about Malta.

[5] Name its capital. ANSWER: Valetta

[15] Ten points for one, fifteen for both, name the two major islands that comprise Malta.

ANSWER: Gozo and Comino

[10] Legend has it this shipwrecked apostle converted the Maltese to Christianity.

ANSWER: Saint Paul

21. A 1593 bar fight led to murder in Deptford, England. For the stated number of points.

[5] This Elizabethan playwright was killed in the described event possibly because he was a spy.

ANSWER: Christopher Marlowe

[10] What twentieth-century author in A Dead Man in Deptford wrote a fictionalized account of Marlowe's death?

ANSWER: Anthony Burgess

[15] Burgess and most historians now believe that this man is Marlowe's killer.

ANSWER: Ingram Frizer

22. Given a description of a Thomas Mann novel or novella, name it for the stated number of points.

[5] The author Gustav von Aschenbach is attracted to the teenage boy Tadzio while on vacation during an outbreak of cholera.

ANSWER: Death in Venice or Der Tod in Venedig

[10] This novel tells of the decline of a family of merchants from their pinnacle of wealth in 1835 to their demise in 1877.

ANSWER: Buddenbrooks

[15] This novel tells the story of the composer Adrian Leverkühn whose compositions tell of German culture from 1910 to 1930.

ANSWER: Doctor Faustus of Doktor Faustus

23. Ten points each, answer the following concerning the labors of Hercules.

a. Hercules' first task was to kill this beast and wore its skin as a trophy.

ANSWER: Nemean lion

b. Name the king of Elis whose stables were cleaned by Hercules for his fifth labor.

ANSWER: Augeus or Augeias [prompt on "Augean stables"]

c. Along the way to get the golden apples of the Hesperides, what giant did Hercules defeat by holding him off the ground, to keep him from his power source, the earth?

ANSWER: Antaeus

24. Given a state with just one National Park, name that park, 10 points each.

a. Minnesota ANSWER: Voyageurs N.P.

b. Michigan ANSWER: Isle Royale N.P.

c. North Dakota ANSWER: Theodore Roosevelt N.P.

25. Name the philosopher given a pair of his works, 10 points each. a. The Philosophy of Right and The Phenomenology of the Spirit ANSWER: Georg Friedrich Wilhelm Hegel

b. Philosophical Investigations and Tractatus Logico-Philosophicus

ANSWER: Ludwig Wittgenstein c. Stages on Life's Way and Either-Or ANSWER: Soren Aabye Kierkegaard

26. Name the opera from a brief plot synopsis, for the stated number of points.

[5] This Puccini opera set in the Latin Quarter has been described as "boy meets girl, boy loses girl, boy and girl are reunited as girl dies of consumption in boy's arms as the curtain falls."

ANSWER: La Bohème [BOH-ehm]

[10] This Verdi opera known for "La donna è mobile," an aria sung by the Duke, has as its title character a hunchbacked jester.

ANSWER: Rigoletto

[15] This first opera of Mozart, written in German and set in sixteenth-century Turkey features Belmonte, a Spanish nobleman and his adventures in a harem.

ANSWER: The Abduction from the Seraglio of Die Entführung aus dem Serail

27. Answer the following about the African National Congress, for the stated number of points.

[5] Under this foreigner's influence, the ANC began its organized passive resistance to white power.

ANSWER: Mohandas Karmachand M ahatma Gandhi

[10] This 1956 statement of policy emphasized the ANC's Fabian principles as well as its commitment to racial equality.

ANSWER: Freedom Charter

[15] In 1960, the ANC was declared unlawful. This military wing began a campaign of industrial and economic sabotage.

ANSWER: Spear of the Nation of Umkhonto we Sizwe

28. Given a description of a French painting, name it for ten points each.

a. This Honoré Daumier work features working class people in a crowded train compartment.

ANSWER: The Third-Class Carriage

b. This Nicolas Poussin work depicts the Philistines dying of mysterious illnesses just after they steal the Ark of the Covenant.

ANSWER: The Plague at Ashdod or The Miracle of the Ark

c. This Jean-Francois Millet work depicts three women bending over and gathering stubs of wheat.

ANSWER: The Gleaners

29. Name the American painter given a pair of works for ten points each.

a. Paul Revere, Watson and the Shark ANSWER: John Singleton Copley

b. Stag at Sharkey's, Dempsey Through the Ropes

ANSWER: George Bellows c. Between Rounds, The Agnew Clinic ANSWER: Thomas Cowperthwaite Eakins

Answer the following about everyone's favorite refrigerator accessory, magnets, 10 points each.

a. This is the term for the strength of a magnetic field, which is measured in Teslas.

ANSWER: magnetic induction

b. It is defined as the number of magnetic field lines that pass through a surface.

ANSWER: magnetic flux

c. In 1820 this Danish physicist discovered that an electric current produces a magnetic field.

ANSWER: Hans Christian Oersted

31. Identify the following Mogul emperors from the clues provided for the stated number of points.

[5] He ruled from 1628-58 and is chiefly remembered today for his numerous building projects including the Red Fort in Delhi and a famous tomb in Agra.

ANSWER: Shah Jahan

[10] Ruling at the empire's height from 1556-1605, he introduced the Din Ilahi [ih-LA-hee], or Divine Faith, a "common" faith designed to curb violence among India's various religions.

ANSWER: Akbar I or Akbar the Great

[15] Though he had a long and seemingly successful reign, this son of Shah Jahan was the last major Mogul emperor because of his religious fervor and a treasury drained by his father's building projects.

ANSWER: Aurangzeb or Alamgir

12. What do wealthy businessmen do? Try to circle the world! Answer the following.

[2x10] Name the Englishman, who crashed in the Pacific ocean near Hawaii in a failed attempt on Dec. 25th, and the corporation he heads.

ANSWER: Richard Branson , the Virgin Group

b. This realty group whose symbol is a balloon, tried to send a team through the Southern Hemisphere at a height of 130,000 feet to avoid weather problems.

ANSWER: Re/Max