

1991 Florida High School Academic Tournament

Introduce yourself.

Welcome participants, give round number and the significance of this particular competition. (Division 3: The three teams with the highest scores will compete in the finals on Monday at 8:00 a.m. Division 1: The two teams with the highest scores will compete in the semifinals on Monday at 10:30 a.m.)

Have judges, scorekeepers and student helpers introduce themselves. (Judges should give their name and the areas in which they will be judging only.)

Have the team coaches come forward to introduce himself/herself and team members.

Conduct a button check.

Begin 5-point question round.

SS 1. Name two countries whose first letter is y or z.

(any two)

Answer: Zaire, Zambia, Zimbabwe, Yemen, Yugoslavia

MUS 2. Which one of the following four musicians composed the Brandenburg Concertos?

- A. Beethoven
- B. Mendelssohn
- *C. Bach
- D. Handel

(Source: The Oxford History of Music, p. 431)

MATH 3. Fill in the blank with the missing number or numbers. The function, f of x equals the quotient of the quantity $x - 2$ and the quantity $x^2 + x - 6$, is defined for all real values of x except _____.

Answer: 2, -3 (either order)

ENG 4. Match each of the four authors to his famous satire.

<u>Authors</u>	<u>Satires</u>
1. George Bernard Shaw	A. "A Modest Proposal"
2. Evelyn Waugh	B. "Rape of the Lock"
3. Jonathan Swift	C. <u>Pygmalion</u>
4. Alexander Pope	D. <u>The Loved One</u>

Answer: 1-C, 2-D, 3-A, 4-B

ART 5. Who am I? I am a seventeenth century Italian sculptor, architect, painter, composer, and dramatist. I am known for works such as the Ecstasy of Saint Theresa, David, and the Baldacchino.

Answer: (Gianlorenzo) Bernini

(Source: Discovering Art History, Brommer, pp. 291-292)

- MATH** 6. If i is a root of the equation $x^4 + 2x^3 + 2x - 1 = 0$, find the other three roots of this equation.

Answer: $-i$, $-1 + \sqrt{2}$, $-1 - \sqrt{2}$ (any order)

- SS** 7. Which one of the following four Presidents had an administration well-known for its scandals?

- A. Grover Cleveland
- B. William McKinley
- C. Rutherford B. Hayes
- *D. Ulysses S. Grant

- SCI** 8. State the metric weight in newtons to one significant digit of a fifty kilogram person on earth.

Answer: 500 (accept: 5×10^2)

- ENG** 9. Which one of the following four works is the source of the quotation "Fifteen men on the Dead Man's Chest--Yo-ho-ho and a bottle of rum"?

- A. Moby Dick
- *B. Treasure Island
- C. Heart of Darkness
- D. The Gold Bug

- MATH** 10. Solve the following equation for x : the logarithm base 3 of nine to the fourth power is equal to x .

Answer: 8

- ECON** 11. Which one of the following four terms best describes the currency now in use in the United States?

- A. commodity money
- B. representative money
- *C. fiat money
- D. specie

- HUM** 12. Name the philosophy which measures good in terms of "the greatest good for the greatest number."

Answer: utilitarianism

- SCI 13.** Match each of the four terms for positions of the body to its location.

<u>Terms</u>	<u>Locations</u>
1. caudal	A. near the center of the body
2. distal	B. tail end
3. lateral	C. toward the side
4. proximal	D. far from the center of the body

Answer: 1-B, 2-D, 3-C, 4-A

- ENG 14.** Which one of the following four is not a characteristic of romanticism?

- *A. concern with form and balance
- B. interest in the medieval period
- C. fascination with the supernatural
- D. love of nature and freedom

- MATH 15.** A strictly monotonic function has an inverse. True or false?

Answer: true

- SCI 16.** Which one of the following four occurs in eleven-year cycles and has been linked to the thickness of tree rings?

- A. hurricanes
- B. insect reproduction
- C. natural acidity in rain
- *D. sunspots

- SS 17.** Identify the six-letter word which can mean the right of one country to accept and shelter those accused of offenses in another country and can also refer to an institution for the protection or relief of unfortunate, afflicted, destitute or insane people.

Answer: asylum

- SCI 18.** Compute the volume in cubic centimeters to two significant digits of an 8.8 gram sample of the compound NaCl having a density of 2.2 grams per cubic centimeter.

Answer: 4.0

(Source: Chemistry: A Modern Course, Merrill)

- ENG 19.** Which one or ones of the following four terms identify literature concerned with predicting the ultimate destiny of the world, imminent catastrophe, and final judgment on mankind?

- A. archetypal
- *B. apocalyptic
- C. avant garde
- D. hedonistic

MUS 20. Which one or ones of the following composers were not alive at the time "Das Rheingold" was written?

- *A. Beethoven
- B. Mahler
- C. Liszt
- D. Wagner

End of 5-point round.

Begin 10-point team question.

Read: For this team question you will be given Handout 5-1.

Do not distribute the handouts until you are instructed to do so. This team question is worth 10 points. Each question is worth two points.

You will be given 3 minutes. Please identify one handout as your team answer sheet in the upper left-hand corner.

Begin

Time 3 minutes.

STOP!

Identify one handout as your team answer sheet and hold it in the air. The judges will correct your work.

Read answers: (two points each)

1. $x < 5$
2. $-2 < x \leq 1$
3. $x \leq -2$
4. $1 < x < 3$
5. $x < 3$

Announce scores from team question.

Two-minute break. (All coaches should report to scorekeepers whether substitutions are made or not.)

Announce scores after the round.

Begin 10-point question round.

SCI 21. Assuming all solutions are 0.1 molar which one of the following four aqueous solutions will have the highest boiling point?

- A. sodium chloride
- *B. sodium phosphate
- C. sodium sulfate
- D. sodium saccharin

(Note: Na_3PO_4 is sodium phosphate)

(Source: Brown & LeMay Chemistry: the Central Science, Teacher's Edition, p. 405)

Handout 5-1

Team # _____

Let $U = \{\text{Real numbers}\}$ with subsets A , B , and C defined by:

$$A = \{x < 3\}$$

$$B = \{-2 < x < 5\}$$

$$C = \{x > 1\}$$

Find:

1. $A \cup B$

2. $C' \cap B$

3. $(A \cap B)' \cap A$

4. $A \cap C$

5. $(A \cap B) \cup C'$

MATH 22. Match each of the four equations to its graph.

<u>Equations</u>	<u>Graphs</u>
1. $x^2 + y^2 = 100$	A. parabola
2. $x^2 + 9y^2 = 100$	B. line
3. $x + y = 100$	C. ellipse
4. $9x^2 + y = 100$	D. circle

Answer: 1-D, 2-C, 3-B, 4-A

ENG 23. Give the first person pronouns in the following four numbers and cases.

- the singular nominative
- the singular possessive
- the singular objective
- the plural nominative

Answer: 1. I, 2. my or mine, 3. me, 4. we

MATH 24. This is a two-part question.

Part 1: What is the maximum number of zeros over the field of complex numbers for the polynomial x to the fifth power minus three x to the fourth power plus x cubed plus five x squared minus six x plus two?

Part 2: What must be true about the nature of the zeros?

Answer: Part 1: five, Part 2: at least one zero must be a real number

MUS 25. Match each of the four musical directors to the orchestra he directed or he currently directs.

<u>Directors</u>	<u>Orchestras</u>
1. André Previn	A. Philadelphia Symphony
2. Riccardo Muti	B. New York Philharmonic
3. Seiji Ozawa	C. Boston Symphony
4. Zubin Mehta	D. Los Angeles Philharmonic

Answer: 1-D, 2-A, 3-C, 4-B

(Source: World Almanac 1990, p. 367)

ENG 26. Which one of the following four writers is the current Poet Laureate of England?

- William Golding
- W.H. Auden
- Ted Hughes
- Graham Greene

died '99

Stanley Kunitz U.S. in 2001

MATH 27. A square is circumscribed about a circle. Using π equals 3.142 compute the percentage to the nearest whole percent of the square's area in the circle.

Answer: 79

For the next question you will receive an art handout and listen to a selection of music (tape and handout 5-2). There will be one, three-part question concerning these.

- HUM 28.** This is a three-part question. Part 1: From what time period are this music and this architecture? Part 2: What is the name of this cathedral? Part 3: What is the name for this type of music?

Answer: Part 1: The (later) Middle Ages
Part 2: Chartres
Part 3: Plainchant (accept: Gregorian Chant, Plainsong, or Monody)

- SS 29.** Which one of the following four amendments to the U.S. Constitution did not extend voting rights?

- *A. 13th Amendment
- B. 15th Amendment
- C. 19th Amendment
- D. 26th Amendment

- SCI 30.** In which direction would the compass needle point if the compass is placed directly above a current-carrying wire while the electrons move from north to south?

Answer: east

(Source: Physics, Murphy et al, p. 427)

- ENG 31.** Supply the missing word in the title of three of the following four A.E. Housman poems.

- 1. "Loveliest of _____, the Cherry Now"
- 2. "Is My _____ Ploughing?"
- 3. "_____, This Is Stupid Stuff"
- 4. "To an _____ Dying Young"

Answer: (any three)

- 1. Trees
- 2. Team
- 3. Terence
- 4. Athlete

- ART 32.** Give the more common names of each of the following three paintings.

- 1. La Gioconda
- 2. Arrangement in Gray and Black
- 3. The Company of Captain Frans Banning Cocq

Answer:

- 1. Mona Lisa
- 2. Whistler's Mother
- 3. The Night Watch

SCI 33. Which one of the following four genetic disorders is the result of a single gene defect?

- Trisomy 21 (extra 21)*
A. Down's syndrome
B. Klinefelter's syndrome *sex-linked*
*C. Tay-Sachs syndrome
D. Turner syndrome *XXY sex-linked*

MATH 34. State an expression which represents the largest possible number using exactly three digits.

Answer: 9^9 (Read: "nine to the ninth power to the ninth power")

SS 35. Give the names of the four states where the following famous geographic features are located.

1. Grand Canyon
2. Mt. Rushmore
3. Old Faithful Geyser
4. Yosemite Valley

Answer: 1. Arizona
2. South Dakota
3. Wyoming
4. California

SCI 36. Which one or ones of the following four processes may cause the formation of salt flats?

- A. salination
B. condensation
C. ring of fire
*D. evaporation

For the next question you will be given Handout 5-3. Do not distribute these until you are instructed to do so. (pause) Distribute these face down. The answer choices are written in Spanish, French, and German. You have the choice of which language you will use.

FL 37. Which one or ones of the four words are infinitives? Turn them over and begin.

Answer: A, B, C

ENG 38. Name the authors of the following three odes.

1. "Ode on a Grecian Urn"
2. "Ode to the West Wind"
3. "Ode to a Nightingale"

Answer: 1. (John) Keats
2. (Percy B.) Shelley
3. (John) Keats

Handout 5-3

Spanish:

- A. romper
- B. recoger
- C. vender
- D. mujer

French:

- A. perdre
- B. réussir
- C. atterrier
- D. gibier

German:

- A. segeln
- B. machen
- C. fahren
- D. gegangen

- SS 39. Complete the analogy using one of the four given choices. _____
is to _____ as Arthur Brenner is to George Wallace.
- A. James Earl Ray, Malcolm X
 - *B. John Hinckley, James Brady
 - C. Leon Czolgosz, James A. Garfield
 - D. Mehmet Ali Agca, Anwar Al-Sadat
- SS 40. Which one or ones of the following four assumed the presidency upon the death of their predecessors?
- *A. Andrew Johnson
 - *B. Harry S. Truman
 - *C. Theodore Roosevelt
 - *D. Chester A. Arthur

End of 10-point round.

Begin 20-point team question.

Read: For this team question you will be given Handout 5-4.

Do not distribute the handouts until you are instructed to do so. This team question is worth 20 points. Each question is worth two points.

You will be given 3 minutes. Please identify one handout as your team answer sheet in the upper left-hand corner.

Begin. Time 3 minutes.

STOP!

Identify one handout as your team answer sheet and hold it in the air. The judges will correct your work.

Read answers: (2 points each)

1. Sea of Tranquility
2. 20,000 Leagues Under the Sea
3. Wolf Larsen
4. (Captain) Ahab
5. (Captain) Bligh
6. (Captain) Queeg
7. B
8. (The) Dead Sea
9. B
10. mantle

Announce scores from team question.

Two-minute break. (All coaches should report to scorekeepers whether substitutions are made or not.)

Handout 5-4

Team # _____

"The High Seas"

1. What is your destination if you take a "peaceful" ride of approximately 230,000 kilometers? _____
2. Name a nineteenth century science fiction work with 2×10^4 in the title. _____

Name the cruel sea captain in each of the following four novels

3. The Sea Wolf _____
4. Moby Dick _____
5. Mutiny on the Bounty _____
6. The Caine Mutiny _____
7. Which one of the following four animals is not an echinoderm?
 - A. sea star
 - B. sea horse
 - C. sea cucumber
 - D. sea urchin

Name the body of water where pillars of salt and objects that cannot sink are common sights.

8. _____
9. Which one of the following four bodies of water does not connect to the Red Sea?
 - A. Mediterranean Sea
 - B. Persian Gulf
 - C. Gulf of Aden
 - D. Arabian Sea
10. What part of a mollusk produces a sea shell? _____

Announce scores after the round.

Begin 15-point question round.

- MATH 41.** The price of a cake varies directly with the square of its diameter. At a bakery an 8-inch cake costs \$12.00. How much would a 10-inch cake cost?

Answer: \$18.75

- SCI 42.** Name the geneticist who deduced the existence of the transposable DNA elements in maize called "jumping genes."

Answer: (Barbara) McClintock
(Source: Biology, Campbell, p. 366)

Nobel!

- SS 43.** Give the name of the individual elected President of the United States in 1888 with fewer popular votes than his Democratic opponent.

Answer: Benjamin Harrison

- SCI 44.** Which one of the following three gases is not essential to marine life when dissolved in ocean water?

- *A. nitrogen
- B. carbon dioxide
- C. oxygen

- HUM 45.** Name the author and the title of the book in which the author states that a ruler has the right to use any means necessary, even force, deceit and breach of the moral law, to rule the state.

Answer: Machiavelli, The Prince

- ENG 46.** Choose three of the following four descriptions and give the full name of the person or group described, all of which contain the word grey or gray.

1. an American writer of Westerns and articles on outdoor life
2. the "graveyard poet" who wrote "Elegy Written in a Country Churchyard"
3. the order of the Franciscans VIII
4. the great granddaughter of Henry VII who was queen of England for nine days

Answer: (any three)

1. Zane Grey
2. Thomas Gray
3. The Grey Order
4. Lady Jane Grey

- MS** 47. Arrange the following four events of 1989 in chronological order.
- A. Oliver North was sentenced for his role in the Iran-Contra affair.
 - B. The Berlin Wall was opened to East and West Germans. *Nov.*
 - C. Two Libyan jets were downed by the U.S. Navy in international waters.
 - D. Charleston, South Carolina, was hit by Hurricane Hugo. *June*

Answer: C, A, D, B

(Note: A-July 6; B-November 9; C-January 4; D-September 21)
(Source: The World Almanac 1990, pp. 46)

- MATH** 48. Find the sum of two numbers if their product is 8 and the sum of their reciprocals is $\frac{4}{5}$.

Answer: $\frac{32}{5}$ (accept: 6.4 or $6\frac{2}{5}$)

- MUS** 49. Which one of the following four musical instruments does not belong with the other three?

- A. trumpet
- *B. English horn
- C. trombone
- D. tuba

[Note: English horn (double reed - all others are members of brass family)]

- ENG** 50. Classify each of the following three statements as either true or false.

1. Frankenstein by Mary Shelley is classified as a Gothic tale.
2. Little Women by Louisa M. Alcott is based on the author's memories of her childhood with a vengeful, complaining mother.
3. Don Juan by Percy Shelley is a mock epic.

Answer: 1. true, 2. false, 3. false

- SS** 51. Which one of the following four is the weapon the Arab states used against the Western world following the 1973 Arab-Israeli conflict?

- A. They mined the harbors at Haifa and Beirut.
- B. They sent an Arab peacekeeping force to maintain the Israeli-Jordanian border.
- *C. They reduced or cut off completely the shipments of oil to major Western industrial nations.
- D. They built a line of fortifications along the Israeli-Palestinian border.

SCI 52. Which one or ones of the following four statements are true concerning the quantum theory?

- A. All energy transfers are possible between light radiation and matter.
- *B. Only discrete units of energy can be transferred from light radiation and matter.
- *C. The energy of light is in discrete packets of energy called photons.
- *D. The energy of a quanta of light equals the product of its frequency and Planck's constant.

MS 53. Match each of the four persons to the attributed quotation concerning faces.

<u>Persons</u>	<u>Quotations</u>
1. Eleanor Roosevelt	A. "I never forget a face, but in your case I'll make an exception."
2. Groucho Marx	B. "You might as well fall flat on your face as lean over too far backward."
3. James Thurber	C. "I wish I loved the human race; I wish I loved its silly face;"
4. Sir Walter Raleigh	D. "You gain strength and confidence by every experience in which you really stop to look fear in the face."

Answer: 1-D, 2-A, 3-B, 4-C

(Source: Bartlett's Familiar Quotations, John Bartlett, pp. 786, 834, 831, 697)

MATH 54. In the equation $8a^2 + 3a + C = 0$, the roots are reciprocals. Find C.

Answer: 8

For this question you will be given an art handout (art 5-5). There will be one two-part question concerning this handout.

ART 55. This is a two-part question. Part 1: Where is this building located? Part 2: Who was the architect who designed the dome?

Answer: Part 1: Florence, Italy
Part 2: (Filippo) Brunelleschi

linear perspective

ENG 56. Match each of the four trials to the work in which it appears.

<u>Trials</u>	<u>Works</u>
1. Scopes Trial	A. <u>The Merchant of Venice</u>
2. Salem Witch Trial	B. <u>The Crucible</u>
3. Shylock vs. Portia for his pound of flesh	C. <u>Inherit the Wind</u>
4. Jabez Stone vs. "Old Scratch"	D. "The Devil and Daniel Webster"

Answer: 1-C, 2-B, 3-A, 4-D

SS 57. Which one of the following four treaties divided the newly found pagan lands between two Christian monarchs?

- *A. Treaty of Tordesillas
- B. Treaty of Adrianople
- C. Treaty of Paris
- D. Treaty of Guadalupe-Hidalgo

(Source: Boorstin, p.16)

MS 58. Compute the sum of the letters in the four words whose definitions are given.

1. the command in the BASIC computer language allowing a user to enter data during the execution of a program
2. a term that begins with the letter m that means a simple sugar
3. the capital city of Saudi Arabia
4. a three-dimensional figure having twelve faces

Answer: 37 (input + monosaccharide + Riyadh + dodecahedron)

MATH 59. Find A, if the logarithm base 4 of the number A is equal to negative three-halves.

Answer: $1/8$

SS 60. Which one of the following four is a characteristic of the Lowell System in nineteenth century America?

- A. organized community recreation
- *B. employment of women in industry
- C. a specialized vocational curriculum
- D. a state welfare system

For the next three-part question you will listen to a taped recording in French, German and Spanish. (FL tape 5-6, no handout). Remember, there will be one three-part question concerning this recording.

FL 61. This is a three-part question. Part 1: What was the mode of transportation being used? Part 2: In which section was the speaker seated? Part 3: What was the terrorist holding in his hand?

Answer: Part 1: airplane
Part 2: no smoking section
Part 3: plastic explosive or explosive

ENG 62. Name three of the following four monsters from mythology.

1. a dirty winged monster with the head of a woman and the tail, legs, and talons of a bird
2. a many-headed dog who guarded the gate to the Underworld
3. a man-like monster with a bull's head
4. a one-eyed giant

Answer: (any three)

1. Harpy
2. Cerberus
3. minotaur
4. cyclops

MS 63. Choose three of the following four events and identify the decade in which each occurred.

1. Irving Berlin composes "White Christmas."
2. The Manhattan Project begins.
3. Cat on a Hot Tin Roof receives a Pulitzer Prize.
4. Archduke Maximilian of Austria accepts the Mexican crown.

(any three)

Answer: 1-1940's, 2-1940's, 3-1950's, 4-1860's

OK COMP 64. Which one of the following four computer program lines is not a standard mathematical function?

- *A. LET X = RND (N)
- B. LET X = INT (N)
- C. LET X = SIN (N)
- D. LET X = ABS (N)

SCI 65. To two significant digits, how many molecules are in 5.6 liters of helium at S.T.P.?

Answer: 1.5×10^{23} (accept: 1.6×10^{23})

End of 15-point round.

Begin 30-point team question.

Read: For this team question you will be given Handouts 5-7, 5-7A, and 5-7B.

Do not distribute the handouts until you are instructed to do so. This team question is worth 30 points. Each question is worth one point.

You will be given 5 minutes. Please identify one handout as your team answer sheet in the upper left-hand corner.

Begin.

Time 5 minutes.

STOP!

Identify one handout as your team answer sheet and hold it in the air. The judges will correct your work.

Handout 5-7

Team # _____

"Birds of a Feather"

1. Name the controversial Igor Stravinsky ballet which shares its name with a General Motors product. _____

In each of the next two questions we will "kill one bird with two stones."

2. Which bird is found in both Orlando Gibbons' madrigal about a "silver" one and in Tchaikovsky's ballet about a body of water? _____
3. Which bird is found singing in a London square by the Manhattan Transfer and in the title of a John Keats sonnet? _____
4. Which one of the following four gives the range (in degrees Celsius) of the body temperature in birds?
 - A. 20°C to 30°C
 - B. 23°C to 38°C
 - C. 32°C to 46°C
 - D. 35°C to 42°C

Match each of the following four famous literary birds to the author who employed each as a central symbol.

<u>Birds</u>	<u>Authors</u>
_____ 5. phoenix	A. Harper Lee
_____ 6. albatross	B. Kurt Vonnegut
_____ 7. raven	C. Samuel Taylor Coleridge
_____ 8. mockingbird	D. Edgar Allan Poe

9. Name the bird chosen to guard the Taj Mahal. _____
10. Name the symbol used in iconographic images for the Holy Spirit.

11. What common trait do the ostrich, emu, kiwi, and rhea share?

Answer the following four questions concerning the famous Byrds of the Virginias.

12. Give the first and last name of the author of The History of the Dividing Line. _____
13. Name the congressional leadership position to which Robert C. Byrd was elected in January of 1989. _____
14. Give the first and last names of the Virginia Senator from 1933-1965 who chaired the Senate Finance Committee and was known as the "watchdog of the Treasury" because of his expanding federal power. _____
15. Name the U.S. President who named Admiral Richard Byrd to lead the U.S. Antarctic Service Expedition. _____

Handout 5-7A

Team # _____

Complete the following statement in either Spanish, French, or German by supplying the missing word.

16. Los pájaros necesitan _____ para volar.
16. Les oiseaux ont besoin d' _____ pour voler.
16. Ein Vogel braucht _____, um zu fliegen.
17. Two birds are working together to build a nest. These two birds are only allowed by Bird Union regulations to work from 9:00 a.m. to 5:00 p.m. each day. The birds would take four days each to build the nest if they were working alone. Each night the birds on the 11 p.m. to 7 a.m. shift steal 25% of the nest the day shift birds had built. To the nearest day, hour, and minute, how long will it take the day birds to finish the nest? _____

Match each of the four Greek gods and goddesses to the corresponding bird symbol.

	<u>Greek gods or goddesses</u>	<u>Bird symbols</u>
_____ 18.	Athena	A. dove
_____ 19.	Zeus	B. crow
_____ 20.	Apollo	C. owl
_____ 21.	Aphrodite	D. eagle

22. Identify the mythological inventor who made wings to escape the island of Crete. _____
23. Which one of the following four birds was ancient Egypt's symbol of Thoth, god of wisdom?
- A. falcon
B. goose
C. ibis
D. owl
24. Identify the winged steed in Greek mythology. _____

Supply the name of the bird missing from each of the following titles.

25. "The _____ and the Turtle" by Shakespeare
26. "The Darkling _____" by Hardy
27. "The Wild _____ at Coole" by Yeats
28. Which one or ones of the following three are the functions of a bird's crop?
- A. enzymatic process
B. digestion of food
C. storage of food

Handout 5-7B

Team # _____

29. Name the bird that was Benjamin Franklin's first choice as the national bird. _____
30. Identify the bird in the title of the short story by Ambrose Bierce which concerned a bridge. _____

Read answers: (one point each)

1. The Firebird
2. swan
3. nightingale
4. D (source: Biology, Arms and Camp, p. 490)
5. B
6. C
7. D
8. A
9. peacock
10. dove (accept: white dove)
11. flightless (accept: wingless or ratite) (source: Understanding Biology, Mosby, p. 371)
12. William Byrd
13. President pro tempore of the Senate (source: 1990 World Almanac)
14. Harry (Flood) Byrd
15. Franklin (D.) Roosevelt
16. Spanish: alas, French: ailes, German: (die) Flügel
17. 2 days, 5 hours, 30 minutes
18. C
19. D
20. B
21. A
22. Daedalus
23. C
24. Pegasus
25. Phoenix
26. Thrush
27. Swans
28. C
29. turkey
30. owl (Source: "An Occurrence at Owl Creek Bridge")

Announce scores from team question.

Teams should remain seated until final scores are computed.

Announce scores.

If scores are tied, have a two-minute break before beginning the tie breaker question. Only the teams whose scores are tied will compete.

Tie-breaker questions.