

by Bill Tressler

with thanks to Alex Dzurick, Bern McCauley, and the Great Valley Quiz Team

## Tossups

1. **This country's *Pegasus and Dragon* is the world's tallest equine statue. This country's capital features a sculpture designed by Felix de Weldon depicting four men including Rene Gagnon and Harold Schultz on Mount Suribachi. The architect William Crawford Smith built this country's replica of the (\*) Parthenon. Both Gutzon Borglum and Augustus Lukeman worked on this country's bas-relief at Stone Mountain. For 10 points—name this country whose sculptures also include Mount Rushmore.**

answer: **U.S. or United States of America** (accept any underlined term)

2. **While at Bell Labs, Rob Pike helped create the Inferno and Plan 9 examples of this technology. One of these might use the Banker's algorithm to prevent deadlock. Event Driven Executive is one these devised in 1976 that runs on devices like those still overseeing our nuclear arsenal. People maintaining these typically have (\*) root level access, and they might use time slicing to implement multitasking. For 10 points—give this term for software that manages a computer, such as Linux, Microsoft Windows, or macOS.**

answer: **operating systems** (accept OS until "macOS")

3. **The country where this conflict occurred now celebrates April 30<sup>th</sup> as Victory Day. Troops supporting Operation Apache Snow in this conflict were commanded by Melvin Zais during its Battle of Hamburger Hill. Nick Ut witnessed a napalm attack during this conflict and took a (\*) photograph of a young naked girl running from it. Le Duc Tho **LAY DUCK TOE** and Henry Kissinger negotiated peace accords for this war whose events included the Tet Offensive and the Saigon evacuation. For 10 points—name this 1960s and 70s conflict in Asia.**

answer: **Vietnam War**

4. **Renshaw cells are examples of these biological objects that have an inhibitory purpose. Lesions to some of these cause Villaret's syndrome, which commonly accompanies the facial weakness of Horner's syndrome. Some of the largest ones of these are Purkinje **per-KIN-gee** cells in the (\*) cerebellum. The great auricular one goes from the cervical plexus to the outer ear, and the sciatic one runs down the upper leg. For 10 points—give these cells with axons that transmit sensations throughout the body.**

answer: **nerve cell or neuron**

5. **In a Dorothy Parker poem, one of these is perfect, "all tenderly his messenger he chose". Thomas Moore described the last of these of summer, "All her lovely companions / Are faded and gone". In a Vachel Lindsay poem the avtitle one of these weds the lotus. Another poem titled for this (\*) perennial is "newly sprung in June" and is addressed to a fair bonnie lass desired by the speaker. Robert Burns said his love is like—for 10 points—a red, red example of what flower?**

answer: **rose** (accept One Perfect Rose, Tis The Last Rose of Summer, The Wedding of the Rose and the Lotus, or A Red, Red Rose)

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6. An ancient poem says this person bought a whip in the northern market and a saddle in the western market. A 16<sup>th</sup>-century play about this figure by Xu Wei ["shoe way"] discusses the difficulty of telling apart running male and female rabbits. Her given name means "magnolia". In another version of her story, she refuses to become the (\*) Khan's concubine and commits suicide, after her crossdressing is discovered by the enemy. For 10 points—give this legendary Chinese figure who takes her father's place in the army.

answer: Hua Mulan

7. Although *William Ratcliff* is about Scotland, the opera is by a composer of this country that also saw the premiere of *A Feast in Time of Plague*. Another composer of this country produced the *Gayane* [gay-ann] ballet and 1943 *Bell Symphony*. 2013 in this country saw an acid attack carried out on (\*) Sergei Filin, a former director at the Bolshoi Ballet. The "Flight of the Bumblebee" is by one of this country's Five nationalist composers. For 10 points—give this home to Modest Mussorgsky and Nikolai Rimsky-Korsakov.

answer: Russia or Rossija (accept Russian Federation or Soviet Union or USSR or Union of Soviet Socialist Republics)

8. Titles of 2017 featuring this character include *Riverboat Roulette*, *Candy Kingdom Chaos*, and *The Professor and the Puzzle*. This figure has a bulldog named Togo, and her mother Kate died in a Glasgow car accident. This character was revised by the author Harriet Stratemeyer Adams when she appeared in a (\*) 1959 revision of *The Secret of the Old Clock*. The collective pseudonym Carolyn Keene is used for writers of—for 10 points—what female detective who has appeared in crossover works with the Hardy Boys?

answer: Nancy Drew (accept either underlined name)

9. Robert Ford was the U.S. ambassador to this country when it severed diplomatic ties in 2012. The People's Protection Units led by Sîpan Hemo has worked around this nation's city of Kobanî. Several hundred died in its city of Ghouta during an August 2013 (\*) chemical weapons attack and this country has also seen the Houla massacre and Raqqa campaign. An estimated 11 million of this country are displaced, many of whom fled to Europe. Bashar al-Assad rules from Damascus in—for 10 points—what country experiencing a civil war?

answer: Syria or Sūriyā or Syrian Arab Republic

10. This prime minister's government prosecuted opponents including George Fernandes during the Baroda Dynamite case. Calls for this leader's resignation followed the Nellie massacre over migrant voting rights. In 1971 this leader's slogan "garibi hatao", meaning "abolish poverty" helped the (\*) Congress Party. This daughter of Jawaharlal Nehru was killed in 1984 during her third term as India's prime minister. For 10 points—name this politician who is not related to the nonviolent protester Mahātmā.

answer: Indira Gandhi

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11. **Félix Pérez Cardozo composed “Guyra campana” for this national instrument of Paraguay often using timbó wood. Musicians known for playing it include Elaine Christy, Joanna Newsom, and Caroline Leonardelli. This instrument starts Kylie Minogue’s “Speakerphone” and (\*) “If it’s Magic” by Stevie Wonder. They come in lap, lever, and pedal sizes and typically have a neck, a resonator, and fifteen to fifty strings. For 10 points—give this instrument whose strings are plucked.**

answer: harp

12. **This was the issuing authority of the Nansen passports, and Rachel Crowdy oversaw its opium traffic investigators. Its Secretaries-General were Eric Drummond, Joseph Avenol, and Seán Lester. Article 22 established a framework for this group’s governing of German Samoa, (\*) Togoland, and South West Africa. Henry Cabot Lodge led senators who prevented U.S. participation in this organization despite the fact that Woodrow Wilson proposed its creation in the Fourteen Points. For 10 points—name this League disbanded in 1946.**

answer: League of Nations

13. **One novel by this author describes Jean Marie Latour’s time ministering to New Mexican Catholics. Another work by this writer is about Thea Kronberg’s career as a singer. This author told of Alexandra Bergson’s farm in Hanover, Nebraska, and in another Nebraska setting described (\*) Jim Burden’s time living near the Shimerda family from Bohemia. Those two works are part of her Great Plains trilogy. For 10 points—who is this author of *Death Comes for the Archbishop*, *O Pioneers!*, and *My Ántonia*?**

answer: Willa Cather

14. **The southernmost point of Gibraltar has this name, as did an ancient Roman province bordering the Bosphorus. *The Element of Crime* and *Epidemic* are two films by the Danish director Lars von Trier in a trilogy with this name. The smallest of the four Galilean moons has this name, and may contain a (\*) water ocean beneath its surface. In myth, a Phoenician princess with this name was abducted by Zeus in the form of a white bull. For 10 points—give this name that is one letter different than a continent containing Finland and Bulgaria.**

answer: Europa (do not accept “Europe”)

15. **This modern country was the site of the 1767 Battle of Kirtipur, which ended the rule of its Malla Dynasty. It lost a third of its territory in the 1816 Treaty of Sugauli signed with the British Empire after the Gurkha War. In 2001 this country’s Queen Aishwarya and King Birendra were murdered during a family dinner. A man born in this country, (\*) Tenzing Norgay, helped Edmund Hillary ascend Mount Everest. For 10 points—name this country among the Himalayan mountains between India and China, whose capital is Kathmandu.**

answer: Federal Democratic Republic of Nepal or Sanghiya Loktāntrik Ganatantra Nepāl

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16. **Rice University researchers are using these propagations to keep a batteryless pacemaker powered, and the military's Active Denial System uses them as a non-lethal weapon. The Wilkinson probe measured these across the universe, where they peak near 279 gigahertz. They have (\*) wavelengths between a meter and a millimeter. While working on a radar emitting these signals, Percy Spencer noticed that a candy bar started to melt. For 10 points—give this part of the electromagnetic spectrum used in some kitchen ovens.**

answer: **microwaves** (accept cosmic **microwave background** radiation after "Wilkinson")

17. **In a poem about this group, the speaker asks "When can their glory fade?". These 600 people included Edward Richard Woodham and Louis Nolan, who were sent to stop the withdrawal of guns from the Causeway Heights. A telling of their story has cannons to their right, left, and behind, and their effort goes into the (\*) Valley of Death. Lord Cardigan led this group at the Battle of Balaclava. For 10 points—name this cavalry group that, in a Lord Tennyson poem, charges Russian forces.**

answer: **Light Brigade** (accept **Charge of the Light Brigade**)

18. **An Aliquot sequence with this value for its period produces a set of amicable numbers. The cosecant of 30 degrees equals this value. According the Euler **[OY-ler]** characteristic of polyhedron, vertices minus edges plus faces equals this number. In (\*) binary notation this number is written 10 ["one, zero"]. This is the sum of an infinite sequence starting one, plus one-half, plus one-fourth and so on. For 10 points—give this positive integer, which is the smallest prime number.**

answer: **2**

19. **This singer was featured on Mika's "Popular Song" and on Cashmere Cat's "Adore". She had a recurring role as Sonya Herfmann, who is killed by the Red Devil on *Scream Queens*. In a 2016 song, she sings, "All girls wanna be like that / (\*) bad girls underneath" and a chorus that includes, "Somethin' 'bout you makes me feel like" the female she sings about. A bomb was detonated at a Manchester Arena concert given by—for 10 points—what singer of "Problem", "Break Free", and "Dangerous Woman"?**

answer: Ariana **Grande**(-Butera)

20. **The family Elateridae **[ee-lat-TARE-ih-day]** of these creatures have a spine that makes a noise as they flee danger, and most of these creatures have hardened forewings called elytra. These creatures form the order Coleoptera **[COLE-op-tair-ah]**, which contains (\*) 400,000 species. The compound hydrogen peroxide is used by the bombardier type as a defense mechanism. Other species of these include the flower chafer, boll weevil, and mealworms. For 10 points—name these insects that include ladybugs.**

answer: **beetles** (accept **click beetles** before "coleoptera")

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21. **This text is the source of the third movement of Gustav Mahler's first symphony, although Mahler called it Bruder Martin. A popular Mandarin Chinese song about Two Tigers uses its melody. Perfect Peter uses this song in the *Horrid Henry* film to distract Brick House residents. It asks the title person if he is (\*) sleeping and states that the bells should be rung, probably calling the religious figure to prayer. For 10 points—name this nursery rhyme with a French title which can be translated as "Brother John".**

answer: **Frère Jacques** (accept **Brother John** before given)

22. **A tradition holds this man was a son of Orpah, and in Arabic his name is Jalut. In one story this person captured the Ark of the Covenant and took it to Dagon's temple. Soldiers following this man eventually fled to Gath and the gates of Ekron. He appears before his opponents each day and demands (\*) combat, as stated in the Book of Samuel. This Philistine loses a contest to a son of Jesse of Bethlehem, who armed himself with five stones and a sling. For 10 points—name this large man defeated by David.**

answer: **Goliath**

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## Bonuses

1. For 10 points each—give these answers related to mathematical sequences:

A. This sequence of numbers is defined recursively such that each value is the sum of the previous two. It begins 1, 1, 2, 3, 5, 8.

answer: **Fibonacci** sequence (or numbers)

B. In this kind of sequence, each term is a multiple of the previous term. For example, in the sequence 3, 6, 12, 24, and so on, the common ratio is two.

answer: **geometric** sequence

C. This term describes sequences without a limit. A sequence whose terms oscillate between 0 and 1 is an example.

answer: **divergent**

2. For 10 points each—name these belief systems originating in America:

A. Tom Cruise and John Travolta are adherents of this religion that calls the soul a thetan. It follows L. Ron Hubbard's teachings.

answer: **Scientology**

B. *The Watchtower* is a publication of this group centered in Warwick, New York. This group refuses blood transfusions and its name includes a Latin form of the name of God.

answer: **Jehovah's Witnesses**

C. This group was founded by Mary Baker Eddy, who believed sickness can be corrected by prayer alone. In 2009, it changed its daily newspaper, the *Monitor*, into a weekly magazine.

answer: **Christian Science** or **Church of Christ, Science** [which publishes the Christian Science Monitor]

3. This politician joined his country's parliament when he represented the district of Papineau. For 10 points each—

A. Name this man who moved into Rideau Cottage in 2015 upon becoming prime minister.

answer: Justin **Trudeau**

B. Trudeau is the leader of this country whose provinces include Alberta and Saskatchewan.

answer: **Canada**

C. Justin's father Pierre was prime minister when Canada joined this organization that last met in Italy in May 2017. The countries in these summits represent 32 percent of the world's purchasing power.

answer: **G7** or **Group of 7** (accept **G6** or **Group of 6**, as that was the group's name before Canada joined and **G8** or **Group of 8**, the name when Russia was a member)

4. For 10 points each—give these subfields of earth science:

A. This is the scientific study of earthquakes and the propagation of their waves as they pass through the Earth.

answer: **seismology** (accept word forms for all parts)

B. ASLO is the American Society of this science and Oceanography. This branch is interested in lakes and ponds.

answer: **limnology**

C. In American English, this word for the study of soil has the same spelling as the science interested in the nature and development of children.

answer: **pedology** (accept **pedologist**) [In the Queen's English, children are studied by paedologists]

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5. Philip Glass based an opera on this author's *In the Penal Colony*. For 10 points each—

A. Name this author who wrote about Josef K getting arrested for an unknown crime in *The Trial*.

answer: Franz **Kafka**

B. Kafka's best known work is this novella in which Gregor Samsa wakes up to discover he has turned into a large insect. This work's title refers to a process, such as when dragonflies change from nymph to adult.

answer: The **Metamorphosis** or Die **Verwandlung**

C. Glass's opera isn't the only adaptation; The film *Franz Kafka's It's a Wonderful Life* was written by this Scottish man who will give up the role of The Doctor on *Doctor Who* after the 2017 Christmas special.

answer: Peter **Capaldi**

6. A boron atom has three of these particles. For 10 points each—

A. Name these electrons used in chemical bonds. These particles are the "V" in the VSEPR **V** theory of molecular geometry.

answer: **valence** electrons

B. Molecules of the form A-X<sub>6</sub>, such as sulfur hexafluoride, have this geometry in VSEPR theory. This shape has six vertices and eight triangular faces.

answer: **octahedron**

C. Octahedral shapes often involve these molecules or atoms bonded to the central metal atom of a coordination compound. In Molybdenum hexacarbonyl the six carbonyl groups fill this role.

answer: **ligand**

7. Examples of these words include madam, racecar, and noon. For 10 points each—

A. Give this term for a word spelled the same way forwards and backwards.

answer: **palindrome** (accept word forms)

B. The palindromic word tattarrattat **tat-tar-rat-tat**, meaning a knock on the door, was coined by James Joyce for this novel about Leopold Bloom.

answer: **Ulysses**

C. Some claim *Hamlet's* original text included "emit no evil, live on time". That palindrome was part of the advice speech this father gives to his son Laertes.

answer: **Polonius**

8. The Village People used this classical work's chords in their song "Go West". For 10 points each—

A. Name this work by a German Baroque composer originally scored for three violins and a basso continuo. Hans-Joachim Schulze suggested it was written for J. C. Bach's 1694 wedding.

answer: **Pachelbel's Canon** or **Canon in D** (prompt on partial answers)

B. The Canon's chords are also used in "With Or Without You", a song by this Irish band whose members are Larry Mullen, Adam Clayton, The Edge, and Bono.

answer: **U2**

C. The Canon is the basis for "C U When U Get There" by this artist who won a Grammy for "Gangsta's Paradise".

answer: **Coolio** or Artis Leon **Ivey** Jr.

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9. This figure led the army that won the 1187 Battle of Hattin. For 10 points each—

A. Name this man who founded the Ayyubid **eye-OO-bid** dynasty, and whose brother Tughtakin was the emir of Yemen and Arabia.

answer: **Saladin** or An-Nasir **Salah ad-Din** Yusuf ibn Ayyub

B. Saladin battled against the forces of Philip II of France and Frederick Barbarossa in the third of these Christian efforts to gain the Holy Land.

answer: **Crusades**

C. As ruler of Egypt and Syria, Saladin had this title which is used by Oman's current ruler.

answer: **sultan**

10. For 10 points each—give these answers related to avian poetry subjects:

A. Paul Laurence Dunbar used this adjective to describe a non-free bird in his poem "Sympathy". Maya Angelou used the same text to title an autobiography.

answer: (I know why the) **caged** (bird sings)

B. Wallace Stevens had "Thirteen Way of Looking at" one of these dark creatures.

answer: (Thirteen Ways of Looking at a) **Blackbird**

C. "Hail to thee, blithe Spirit!" is the first line of a Percy Shelley work "to" one of these feathered members of the genus *Alauda*.

answer: (To a) **Skylark** (do not accept "lark" as this is a title)

11. For 10 points each—give these similarly named U.S. cities:

A. This city north of Miami includes Las Olas Boulevard. As Florida's deepest port, it is used by several cruise lines.

answer: **Fort Lauderdale**

B. The Barnett Shale is a large natural gas field under this city home to Texas Christian University. This city forms a metropolitan area with Dallas and Arlington.

answer: **Fort Worth**

C. Before they called Detroit home, the Pistons were based in this Indiana city. It is named for a Revolutionary Army officer known as "Mad Anthony."

answer: **Fort Wayne**

12. One way to calculate this is the expenditure method, which totals consumption, investment, government spending, and net exports. For 10 points each—

A. Give this term for the market value of goods and services produced by a country. It does not include income earned by overseas residents.

answer: **GDP** or **gross domestic product** (do not accept "GNP" or "gross national product")

B. After the U.S. and China, this country's \$4.9 trillion dollar GDP is the third largest.

answer: **Japan** or **Nippon** or **Nihon**

C. The World Bank places this country first in nominal GDP per capita, at \$102,000 per citizen. This Grand Duchy is the seat of the European Court of Justice.

answer: Grand Duchy of **Luxembourg**

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13. For 10 points each—name these Pacific explorers:

A. This figure crossed on the Pacific in 1521, but was killed on the Philippine island of Mactan. His crew completed the world's first circumnavigation.

answer: Ferdinand **Magellan**

B. An island country with capital Avarua is named for this explorer who labeled Hawaii the "Sandwich Islands". A stolen boat led to a conflict and the death of this *HMS Resolution* captain.

answer: James **Cook** (accept **Cook Islands**)

C. The *Discovery* and *Chatham* sailed in this man's 1791 expedition that visited Australia and Tahiti. He gave Puget Sound and Mount St. Helen's their names and saw southwestern Canada.

answer: George **Vancouver**

14. One of these built for the Boardwalk Hall in Atlantic City, New Jersey has 33,000 pipes. For 10 points each—

A. Name these instruments that often have pedalboards that play bass notes and have stops which control pressurized air.

answer: pipe **organ**

B. The fourth Opus of this composer is six organ concertos performed in 1735 at Covent Garden. His other works include *Music for the Royal Fireworks* and the *Messiah* oratorio.

answer: George Frideric **Handel** ["handle"]

C. Handel also composed this 1717 work for a concert on the River Thames, played as the king sailed from Whitehall Palace to Chelsea.

answer: **Water Music**

15. For 10 points each—give these answers related to Franklin Pierce:

A. In the 1852 election, Pierce defeated this party's candidate Winfield Scott. Zachary Taylor was a successful candidate of this party that initially opposed Andrew Jackson.

answer: **Whig Party**

B. Pierce signed an 1854 act forming Nebraska and this other central plains territory. The controversy between pro- and anti-slavery factions here led to its "bleeding" conflict.

answer: **Kansas** (accept **Kansas-Nebraska Act**; accept **Bleeding** or **Bloody Kansas**)

C. In 1853 Pierce appointed this man as minister to Mexico. This figure negotiated a treaty that purchased the land that is now southern Arizona.

answer: James **Gadsden** (accept **Gadsden Purchase**)

16. For 10 points each—name these saints depicted in art:

A. Paolo Veronese depicted this figure pouring water onto Jesus's head, while William Blake's version of the same act has Jesus and this man standing in the river Jordan.

answer: **John the Baptist** (prompt on partial answers)

B. Jan van Eyck painted this figure from Assisi "Receiving the Stigmata". A Giotto fresco depicts him delivering a sermon to the birds.

answer: Saint **Francis** of Assisi (accept **Saint Francis of Assisi Receiving the Stigmata** or **St. Francis Preaching to the Birds**)

B. A Gian Lorenzo Bernini sculpture depicts the "ecstasy of" this Carmelite nun who had a vision of an angel driving a golden lance through her heart.

answer: Saint **Teresa** (accept **Ecstasy of Saint Teresa**)

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17. The North American portion of the War of the Spanish Succession is known as her war. For 10 points each—

A. Name this last English monarch of the House of Stuart. The pirate Blackbeard sailed a ship called this monarch's "Revenge".

answer: Queen **Anne** (accept **Queen Anne's Revenge**)

B. Queen Anne's predecessors were these rulers placed on the throne through the Glorious Revolution. A Virginia college is named for this pair.

answer: **William III and Mary II** of England

C. During Anne's reign, the kingdoms of England and Scotland were joined into Great Britain through this legislation.

answer: **Acts of Union**, 1707 (or **Union with Scotland Act** 1706 and **Union with England Act**, 1707; accept **Articles of Union** or **Treaty of Union**)

18. For 10 points each—give these answers related to unsolved problems of mathematics:

A. No general solution is known for this problem of finding the shortest Hamiltonian cycle on a set of vertices. The problem involves a businessman who visits a set of cities using the shortest possible trip.

answer: **traveling salesman** problem

B. It is unknown if there are any odd examples of these numbers whose proper divisors sum to the number itself. 28 and 496 are examples.

answer: **perfect** number

[Wolfram's *MathWorld* states that any odd perfect numbers would have to be greater than  $10^{1500}$ ]

C. The P versus NP problem has to do with finding algorithms that solve problems in an amount of time bounded by one of these functions. An example of one of these functions is  $x^3 + 3x^2 + 5$  [**x cubed plus three x squared plus 5**].

answer: **polynomial**

19. For 10 points—give these answers related to anthropological finds:

A. These hominids who lived until 40,000 years ago were named for their discovery in Feldhofer Cave in a namesake German valley.

answer: **Neanderthal** or **Neandertal**

B. This *Australopithecus afarensis* skeleton found by Donald Johanson in Ethiopia and was named for a female in a Beatles song.

answer: **Lucy**

C. A recent addition to the hominid family tree is this species named for a Russian cave. It is thought they interacted with *Homo sapiens* and Neanderthals.

answer: **Denisovans** (accept **Homo Denisova** or **Homo altai**)

20. These large seaweeds are brown macroalgae that comprise the order *Laminariales*. For 10 points each—

A. *Macrocystis pyrifera* is one species of what organisms that can grow in underwater forests 100 feet tall?

answer: **kelp**

B. One consumer of kelp are these organisms of the class *Echinoidea* [**eh-kin-NOY-dee-ah**]. The West Indian sea egg is one species of these creatures whose spines lead some to call them sea hedgehogs.

answer: **sea urchins**

C. Because of its high iodine content, kelp has been used as a remedy for this condition. The diffuse thyrotoxic type is often a sign of Graves' disease.

answer: **goiter**

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21. For 10 points each—give these months and days:

A. Pi Day is observed on this month and day derived from its digits.

answer: **March 14<sup>th</sup>** (or **3/14**)

B. Give any day on which the northern solstice can occur, marking the first day of summer in the northern hemisphere.

answer: **June 20<sup>th</sup>**, **June 21<sup>st</sup>**, or **June 22<sup>nd</sup>** (or **6/20**, **6/21**, **6/22**)

[it shifts six hours each year and currently moves back to the 20th on leap years]

C. This date titles a Francisco Goya painting showing a firing squad and a group of prisoners. The work depicts a scene during an 1808 invasion.

answer: **May 3<sup>rd</sup>** (or **5/3**; accept The **Third of May 1808** or El **tres de mayo de 1808** en Madrid)

22. For 10 points each--give these works with a word in common:

A. In this Aesop fable a rodent wakes a fearsome predator, but is let go unharmed. When the larger beast is captured by hunters, the rodent enables an escape.

answer: The **Lion and the Mouse**

B. The Pevensie children appear in this first published part of *The Chronicles of Narnia*.

answer: The **Lion, the Witch and the Wardrobe**

C. This James Goldman play concerns the affairs of the English court of Henry II ["the second"] in 1183.

answer: The **Lion in Winter**