The Illinois Mathematics and Science Academy of Aurora, IL presents

IMSANITY 4

-ROUND 8-

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with special contributions from...
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Tossups

(1) **One character in this work lost both her parents when her mother was tried for murder and her father hid, though she is identified as Molly's daughter by their similar knitting motions. The protagonist decides to propose to Biddy, but learns that she married his brother-in-law, Joe Gargery, and in another scene, he works through the merchant Clarriker to give**(*) Herbert Pocket money. In this novel, Bentley Drummle marries an inhabitant of the Satis House. Mr. Jaggers gives the protagonist money on behalf of his benefactor, who turns out to be Abel Magwitch and not Miss Havisham. For ten points, identify this Charles Dickens novel about the orphan Pip.

ANSWER: <u>Great Expectations</u>

(2) **In this film, taping of one movie is halted after a minotaur bumps into a nurse, and another police movie is interrupted when two characters pass through the scene to take a phone call. The protagonist of this movie watches _Battle for the Planet of the Apes_ while on the phone with his son, inspiring him to work with Lester Siegel and John Chambers on a**(*) "science fantasy" movie. Six characters in this film take refuge in the home of Ken Taylor, a Canadian ambassador, before being escorted to safety by Tony Mendez. For ten points, identify this film starring and directed by Ben Affleck about the Iran Hostage Crisis.

ANSWER: <u>Argo</u>

(3) **This artist depicted the orange and yellow face of Rufino Tamayo between two other artists in the painting _Miró, Tamayo, and Jeanneret_. The ceiling of the Aula Magna features colorful clouds designed by this artist of _La Grande Vitesse_. The collapse of the World Trade Center caused the destruction of this artist's _Bent Propeller_. This artist memorialized a Spanish mining town with his**(*) _Mercury Fountain_. Two arches of this artist's namesake red comprise this artist's _Flamingo_, one of his stabiles. For ten points, identify this American sculptor of _Lobster Trap and Fish Tail_ and many other mobiles.

ANSWER: Alexander <u>Calder</u>

(4) **This man's top generals were Oenomaus and Crixus, and after plundering the city of Capua, he made his headquarters at Mount Vesuvius. The victor over Lucius Publicola near Mount Garganus, this man led his army through the Third Servile War, which he lost after being betrayed by Cilician pirates. He was killed fighting**(*) Crassus at the Battle of the Siler River. Men under this leader who were captured by Crassus were crucified along the Appian Way. For ten points, name this leader of a slave rebellion against the Roman Republic and Thracian former gladiator.

ANSWER: Spartacus

(5) **Horsts and nappes can be found above these structures. Thin-skinned deformation occurs when these structures do not cover basement rocks. Imbricates are formed by the duplex form of these structures, which are the source of grabens and which sometimes form escarpments. The lack of a**(*) junction differentiates the transcurrent form of these geological structures from another type which can be found near rift valleys. The hanging wall and footwall are found in these structures, which come in a strike-slip variety. For ten points, name these geological features that mark the border between tectonic plates.

ANSWER: faults

(6) **During this holiday, a red, black, and green flag is called "the symbol of our eternal struggle". During this holiday, an ear of corn is placed on the table for each child. Food is eaten off of straw mats, and this holiday ends with a feast called Karamu. The giving of gifts is called Zawadi, and participants wear**(*) kaftans made from kente cloth. Unity and faith, known as Umoja and Imani, are among the Seven Principles this holiday stands for, and a seven-slotted kinara holds candles during this holiday, which was established by Maulana Karenga in 1966. For ten points, name this week-long celebration commemorating the African harvest.

ANSWER: Kwanzaa

(7) In one work by this author, Hester visits her brother Johnny to get her part of their inheritance, even though she thinks their father is still alive. In another work by this author, Ethel Lange becomes engaged and can't come visit. This author of **Hello and Goodbye** wrote about a character who couldn't sit down on a bench after he helped a boy fly a kite, and about a character who trades wine for the company of an old man in **Boesman and Lena.** One of his plays was about the brothers Zachariah and Morris, and in another,(*) Hally waits for a call from the hospital and Sam and Willie dance. For ten points, identify this South African author of *Blood Knot* and *Master Harold. . . and the Boys.*

ANSWER: Athol <u>Fugard</u>

(8) These statements model figures whose positions are defined by parameters such as the three anomalies and argument of periapsis. For artificial bodies, the k prime term replaces the k term in one of these statements. The second one suggests that one half r squared theta, or the areal velocity, is constant, while the last one utilizes the conservation of(*) angular momentum and the first concludes an elliptical path. The Laws of Areas and of Periods are included among, for ten points, which set of rules derived by a student of Tycho Brahe and which govern the behavior of planetary objects.

ANSWER: <u>Kepler</u>'s Laws of planetary motion

(9) Peter King published many of this man's works posthumously, including the incomplete **Conduct of Understanding.** This author of the **Reasonableness of Christianity** argued that the principle of virtue should be the ultimate goal in his **Some Thoughts Concerning Education.** This man called atheists a threat to society because of their disregard for the afterlife and advocated separating **Church and State in**(*) *A Letter Concerning Toleration.* This man argued that the mind begins as a tabula rasa in his *Essay Concerning Human Understanding.* For ten points, name this English thinker who asserted that all men are entitled to life, liberty, and property in his *Two Treatises on Government.*

ANSWER: John <u>Locke</u>

(10) **One independence movement in this country was represented with a triangle surrounded with the phrase "Freedom, Even if It Be Later," and that movement was led by Tiradentes. Another notable figure in the history of this country was the "number-one volunteer," who enacted the Law of Free Birth. This country's formation saw the Cry of Ipiranga, and slavery was ended in this country with the**(*) Golden Law. Its land was discovered by Pedro Cabral, and it was also ruled by the dictator Getulio Vargas and its emperors Pedro I and Pedro II. For ten points, name this former Portuguese colony and most populous country in South America.

ANSWER: Federative Republic of <u>Brazil</u> (accept República Federativa do <u>Brasil</u>)

(11) **In this state, Shingle Creek flows into Lake Tohopekaliga. This state contains the delta of the Apalachicola River, which lies west of the tourist center of Panama City. Britton Hill is the highest point in this state, in which the Gandy Bridge crosses a bay whose shores contain the city of**(*) Clearwater. The south of this state contains the Kissimmee river, which empties into Lake Okeechobee. Islands including Largo and West make up this state's Keys. Forming a peninsula between the Atlantic Ocean and the Gulf of Mexico, this is, for ten points, which U.S. state home to the Everglades and the city of Miami?

ANSWER: <u>Florida</u>

(12) **Seven of these items were given to Ilmatar after she raised her knee, including an iron one that became a thundercloud. With his axe, Pangu broke one of these objects in half, while a golden one was created and used by Brahma. Ogdoad created an island for one of these items, which Thoth may have provided. Rocs wrecked ships due to the destruction of one of these objects. After an encounter with Zeus, Leda produced**(*) two of these objects, including one from which Helen of Troy was born. The Orphic one explains the creation of the Earth in Greek mythology. For ten points, name this item from which the basilisk is hatched.

ANSWER: <u>eggs</u> (accept <u>cosmic eggs</u> or <u>world eggs</u> or <u>mythical eggs</u>)

(13) **This character guesses a woman's name by noting her similarity to a childhood friend of his, and one work about this character says that he "consists of a hundred or a thousand selves not of two." This character believes an araucaria plant typifies bourgeois cleanliness, and while at a dinner party, he criticizes a picture of Goethe. He remembers his childhood love of Rosa Kreisler, and is a frequent visitor of the the Black Eagle bar. The saxophonist**(*) Pablo leads this character through a door marked "For Madmen Only" into the Magic Theater, where he stabs Hermine. Harry Haller is, for ten points, what title character of a Herman Hesse novel?

ANSWER: Steppenwolf (accept either underlined portion of Harry Haller before mention)

(14) **The Myxobolus parasite, which causes whirling disease, completes its life cycle in salmonid fish and an organism from this biological group. One subclass in this phylum produces the chemical hirudin and uses a clitellum in reproduction. Structures for locomotion called parapodia are used by one group in this phylum, which is divided into**(*) polychaetes and a group which includes organisms that have nephrostomes in their metanephridia. With a name meaning "little rings", for ten points, name this phylum of segmented worms that includes leeches and earthworms.

ANSWER: annelids or annelida (accept oligochaetes before "subclass")

(15) **This country saw a battle at Rouse Hill during its Castle Hill Rebellion. On one island off the coast of this country, a dinner plate nailed to a post is named for Dirk Hartog, and one politician here appealed to "The Forgotten People". A gold rush in this country began at Summer Hill Creek and saw the Eureka Rebellion, and George Johnston deposed William Bligh here in the**(*) Rum Rebellion. One of its Prime Ministers removed "a great stain from the nation's soul" while apologizing for the Stolen Generation; that man was Kevin Rudd. For ten points, name this home of the Aborigines where James Cook landed at Botany Bay in Sydney.

ANSWER: Commonwealth of Australia

(16) **This man wrote the score to a ballet about a disgruntled worker, Lyonka, and her attempts to destroy a factory with the titular _Bolt_. A text celebrating May Day appears in the finale of this man's third symphony. The ring of a tocsin in G minor appears in his symphony _The Year 1905_. This composer's _Katerina Izmailova_ is a reworking of his earlier opera**(*) _Lady Macbeth of the Mtsensk District._ He included an invasion theme in his seventh symphony. For ten points, name this Russian composer of the _Babi Yar_ and _Leningrad_ symphonies.

ANSWER: Dmitri Shostakovich

(17) **This quantity can be computed using Bretschneider's Formula. In a lattice, this quantity can be computed as the number of interior points minus half the number of boundary points minus one according to Pick's Theorem. Brahmagupta's Formula computes it in terms of side lengths and the semiperimeter and is a generalization of**(*) Heron's Formula. This quantity can be approximated using a Riemann sum or computed exactly using an integral. This quantity for a rhombus is half the product of the diagonal lengths and for a triangle is one-half base times height. For ten points, give this measure of the two-dimensional size of an object.

ANSWER: area

(18) **Two characters in this work fight over who gets to carry a helmet into the Ebbets Field clubhouse, and one character chose his career after being inspired by Dave Singleman. Another character was 17 when he walked into the jungle, and when he was 21 he walked out, rich from diamond mining. At Frank's Chop House, one character describes stealing a fountain pen from Bill Oliver, and that character failed math after observing his father's**(*) affair in Boston. The title character kills himself so his wife Linda and children Happy and Biff can collect insurance money. For ten points, identify this play about Willy Loman, a work by Arthur Miller.

ANSWER: Death of a Salesman

(19) **This man was appointed as the Superintendent of the Military Railways during the Civil War by his mentor Thomas Scott. This man was told "Tell him I'll see him in Hell" by Henry Frick, who had on his behalf put down the Homestead Strike. This man popularized vertical integration, and upon retirement, he sold his company to**(*) J.P. Morgan for 480 million dollars. This author of _The Gospel of Wealth_ espoused philanthropy and lent his name to many libraries and a namesake university. For ten points, name this Scottish immigrant who made his fortune in steel.

ANSWER: Andrew Carnegie

(20) **Residue curve maps are used to study these substances by mapping the location and stability of their nodes, and a membrane divides the retentate and permeate in one technique used on them called pervaporation. The Bancroft point describes the temperature of these substances, which are affected by the addition of an MSA or entrainers. Their hetero form has two liquid phases, and an example of the negative form is**(*) nitric acid and water. The vapor composition is identical to the composition of the liquid in these mixtures that violate Raoult's Law. For ten points, name this type of mixture that cannot be separated by simple distillation.

ANSWER: azeotropes

(21) **Selenium is an essential nutrient for the SECIS element which can appear at one end of this molecule. The EIF4E protein controls binding of this molecule with another intracellular structure. Northern blotting uses gel electrophoresis on this molecule, also the object of reverse transcriptase action. The**(*) snRNPs [READ: "snurps"] bind to this molecule, which contains two UTR regions. This molecule is modified by adding a polyadenylation signal as well as a modified guanine to the 5 end. The target of splicing is, for ten points, what molecule that is transcribed from DNA and translated to produce proteins?

ANSWER: mRNA or messenger RNA (prompt on "RNA")

Bonuses

(1) This man was raped by his daughters, which provided the lineage for two tribes. For ten points each:
[10] Name this man whose wife turned into a pillar of salt while they were fleeing from a city.
ANSWER: Lot
[10] Lot left this city, which was destroyed along with Gommorah.
ANSWER: Sodom
[10] Along with Ben-Ammi, this son of Lot was the ancestor to a race in the Levant. This man's descendants historically had their capital at Dibon and lived near Mount Nebo.
ANSWER: Moab

(2) In this novel, a lot of emphasis is placed upon a child's shoe, and one character is accused of witchcraft after her pet goat Djali spells the name of her love interest, Phoebus. For ten points each:
[10] Identify this novel in which Claude Frollo is murdered by the deformed bellringer Quasimodo, who's in love with the gypsy Esmeralda.
ANSWER: The Hunchback of Notre Dame (or Notre-Dame de Paris)
[10] *The Hunchback of Notre Dame* is a work by this French author, who described Cosette, Jean Valjean, Inspector Javert, and the sewers of Paris in *Les Misérables*.
ANSWER: Victor (Marie) Hugo
[10] Victor Hugo also wrote this novel in which the fisherman Gilliat repairs the engine of the steamship Durande, but lets Deruchette marry Ebenezer Caudry.
ANSWER: The Toilers of the Sea (or Les Travailleurs de la Mer)

(3) Richard Olney cited it when discussing the Schomburgk Line, and the Drago Doctrine was rejected as a part of it. For ten points each:
[10] Name this decree, actually written by John Quincy Adams, which stated that attempts by European Powers to interfere with the Western hemisphere would be seen as an act of aggression. It is named for the fifth President of the United States.
ANSWER: Monroe Doctrine
[10] This man created the "Big Brother" extension to the Monroe Doctrine, which tried to open up Latin markets to the United States. This "continental liar from the state of Maine" was defeated by Grover Cleveland in the 1884 Presidential Election.
ANSWER: James G. Blaine
[10] An addition to the Monroe Doctrine was this one, which declared the right of the United States to intervene in Latin America if "flagrant and chronic wrongdoing(s)" occurred. It was replaced with the "Good Neighbor" Policy.
ANSWER: Roosevelt Corollary

(4)   Bicarbonate and carbonic acid form a natural one of these substances in vertebrate blood. For ten points each:
[10] Name this type of solution that resists changes in pH. One of these is created from adding an acid or base to its conjugate.
ANSWER: buffer
[10] This doubly-eponymous equation can be used to calculate the pH of a buffer solution. It involves taking the logarithm of the ratio of the concentration of base to that of its conjugate acid.
ANSWER: Henderson-Hasselbalch equation
[10] A common buffering agent in biochemistry is this one with one amino and three hydroxyl groups. It is used in buffering solutions such as TAE during electrolysis of nucleic material.
ANSWER: Tris or THAM (accept trishydroxymethylaminomethane)

(5)   Kenneth and Mamie Clark used these objects to test children's perception of race. For ten points each:
[10] Name these objects, one of which named Bobo was kicked, punched, and hit with a hammer in an experiment conducted at Stanford University.
ANSWER: doll
[10] This American cognitive psychologist conducted the Bobo Doll experiment. He summarized his studies of aggression in his work *Social Learning Theory.*
ANSWER: Albert Bandura
[10] Bandura's social cognitive theory expounds on this concept, defined as one's belief in his or her ability to succeed. Those with a high level of this attribute will have an internal locus of control.
ANSWER: self-efficacy

(6)   This quantity comes in box and Hausdorff varieties. For ten points each:
[10] Identify this quantity that, for a vector space, is the size of any of its bases. In other words, it is the maximum number of linearly independent directions in the space.
ANSWER: dimension
[10] These self-similar shapes are named after the fact that they have a fractional dimension. Examples of these shapes include the Mandelbrot set, Sierpinski's triangle, and the Koch snowflake.
ANSWER: fractals
[10] This fractal, whose dimension is the base 3 logarithm of 2, can be formed from the interval from 0 to 1 by iteratively removing the open middle thirds.
ANSWER: Cantor set

(7)   Some of these features occur on the molecular level as "junk DNA" or pseudogenes. For ten points each:
[10] Name these structures which have lost their original ancestral function in current species.
ANSWER: vestigial structures or organs
[10] This vestigial structure, located at the junction of the small intestines and cecum, may have a role in the immune system, and its inflammation in humans can cause dull pain in the abdomen.
ANSWER: vermiform appendix
[10] Other examples of vestigial structures are the post-caudal tail in humans and hind legs in whales, which sometimes appear in present-day organisms and are classified by this term, which refers to the recurrence of structural traits that had disappeared in the organism's ancestors.
ANSWER: atavism

(8)   Identify the following female authors of Southern Gothic fiction for ten points each.
[10] This author wrote about Laurel and Fay travelling to Mount Salus, Mississippi after Judge McKelva died in *The Optimist's Daughter*.
ANSWER: Eudora Alice Welty
[10] This author wrote about the friends of John Singer in *The Heart is a Lonely Hunter* and about Frankie Addams' dreams of going on her brother's honeymoon in *The Member of the Wedding*.
ANSWER: Carson McCullers
[10] This author wrote about the Misfit killing the Grandmother and her family in the short story *A Good Man is Hard to Find* in addition to writing the novel *Wise Blood*.
ANSWER: Mary Flannery O'Connor

(9)   The title figure of one of this man's paintings was probably making bread pudding, and that work's bottom right corner has a foot-warmer. For ten points each:
[10] Name this artist who is best known for his depiction of a girl wearing a blue headband, *The Girl with a Pearl Earring*.
ANSWER: Jan or Johannes Vermeer
[10] Vermeer depicted the Lange Geer Canal in his *View of [this city]*. His hometown, he painted a brick building in this city in an uncharacteristically bright work called *The Little Street*.
ANSWER: Delft, Netherlands
[10] This Vermeer work shows the title figure looking out of a window while he holds dividers in his right hand. A detailed map hangs on the wall and a globe appears on top of a wardrobe behind the central figure.
ANSWER: The Geographer

(10) This group divided themselves into tribes known as iwi, and they fought in the Flagstaff and Musket Wars. For ten points each:

[10] Name this ethnic group, which signed the Treaty of Waitangi, giving them right as British subjects.

ANSWER: Maori

[10] The Maori people are natives of this island country, which along with Australia, contributed forces to the ANZAC force.

ANSWER: New Zealand (accept Aotearoa)

[10] The Maori and the government of New Zealand faced off over disputed land in this war of the early 1860's. Among the engagements in this conflict are the Battles of Te Kohia and Waireka, and it led to the Waikato invasion.

ANSWER: First Taranaki War

(11) [Moderator Note: Do not reveal the alternate answer to the first part if it is not given.] Configurations of multiple ones of these structures compose a Roman ring. For ten points each:

[10] Identify these hypothetical entities that act as tunnels through spacetime. Some theories suggest that the entrance to a black hole acts as one end of these structures.

ANSWER: wormholes (or Einstein-Rosen bridge)

[10] Wormholes are also known as this type of bridge, whose two namesake physicists were the first to theorize their existence in a paper published in 1935.

ANSWER: Einstein-Rosen bridge

[10] This scientist names a type of wormhole in addition to the radius of the event horizon of a black hole. He derived the simplest solution to Einstein's field equations.

ANSWER: Karl Schwarzschild

(12) This man ran unsuccessfully for Governor of New York, losing to George Clinton. For ten points each:

[10] Name this first Chief Justice of the United States, who negotiated lopsided terms with Britain in his namesake treaty.

ANSWER: John Jay

[10] Jay was succeeded by this man as Chief Justice. This man had been President of South Carolina from 1776 to 1778. He called Jay's Treaty a "puerile instrument", and in his short term, both *U.S. v. Peters* and *Talbot v. Janson* were decided.

ANSWER: John Rutledge

[10] John Jay wrote five of the eighty-five essays in this collection, whose other writers included Alexander Hamilton and James Madison. They supported the system of checks and balances and were written under the pseudonym "Publius."

ANSWER: The Federalist Papers

(13) The protagonist arrives three hours late to a dinner party with two flowers. For ten points each:

[10] Identify this novel in which the protagonist saves the Eloi girl Weena from drowning, but can't save her from the Morlocks.

ANSWER: The Time Machine

[10] *The Time Machine* was written by this author. A panic was created with an adaptation of his *The War of the Worlds*.

ANSWER: Herbert George Wells

[10] Wells wrote this novel in which George Ponderevo steals quap to help his uncle Edward and his business built around the title drug.

ANSWER: Tono-Bungay

(14) Answer some questions about a musician also known as Lady Day for ten points each:

[10] *Lady Sings the Blues* and *Lady in Satin* are two albums by this jazz singer of *I'm a Fool to Love You* and *God Bless the Child*.

ANSWER: Billie Holiday (or Eleanora Fagan)

[10] This musician featured Billie Holiday in his short film *Symphony in Black*, but he is better known for playing at the Cotton Club and recording songs like *Mood Indigo*, *Take the A Train*, and *It Don't Mean a Thing (If It Ain't Got That Swing)*.

ANSWER: Edward Kennedy "Duke" Ellington

[10] This protest song written by Abel Meeropol and performed by Holiday describes "black bodies swinging from the poplar trees." *Time* magazine called this song the Song of the Century in 1999.

ANSWER: Strange Fruit

(15) He dedicated the eighth of his nine madrigal books to the Habsburg King Ferdinand III. For ten points each:

[10] Name this early Italian composer who wrote an opera in which the titular character sings the aria *Possente spirto, e formidabil nume* to convince Charon let him see Eurydice in the Underworld.

ANSWER: Claudio Monteverdi

[10] Monteverdi's operas, like the aforementioned *L'Orfeo*, are considered among the first of their kind because they marked the transition into this period of music following the Renaissance. This period of ornate music was followed by the Classical period.

ANSWER: baroque

[10] Monteverdi also wrote this opera with a libretto by Busenello. Seneca sings the aria *Amici, e gunta l'hora* as he is condemned to death by the Emperor Nero, who sings the aria *Pur ti miro, pur ti godo* with the titular character at the end.

ANSWER: Coronation of Poppea (or L'incoronazione di Poppea)

(16)   This politician dealt with the South Sea Bubble and resigned in 1742 after a loss at the Battle of Cartagena de Indias. For ten points each:
[10] Name this statesman, who was opposed by the Country Party and served as Chancellor of the Exchequer under George I and George II.
ANSWER: Robert Walpole, 1st Earl of Orford (accept either)
[10] Walpole is considered to be the first modern holder of this position. The current holder of this position is David Cameron, who defeated Gordon Brown in 2010 to take this post.
ANSWER: Prime Minister of the United Kingdom (accept equivalent answers; prompt on "Prime Minister of England")
[10] Walpole was a part of this English group which met in the Fountain Tavern. Other notable members of this group included William Congreve and the Earl of Burlington.
ANSWER: Kit-Cat Club

(17)   These can be augmented to solve systems of linear equations. For ten points each:
[10] Identify these rectangular arrays of numbers, arranged into rows and columns.
ANSWER: matrix or matrices
[10] This value for a square matrix can be computed using cofactor expansion, although using Gaussian elimination and multiplying diagonal entries is faster. When this value is nonzero, the matrix has an inverse.
ANSWER: determinant
[10] This rule computes the solution to a system of linear equations by finding quotients of determinants of coefficient matrices.
ANSWER: Cramer's Rule

(18)   Among the followers of this man were Scathlock and Much the Miller's Son. For ten points each:
[10] Name this outlaw in English legends who made his camp with his Merry Men at Sherwood Forest. This master bowman stole from the rich and gave to the poor.
ANSWER: Robin Hood (accept Robyn Hode)
[10] One of Robin Hood's most persistent foes is this lawman, who is assisted by Sir Guy of Gisbourne. Serving under King John, this figure fails to stop Robin Hood from shooting royal deer. He is also in love with Maid Marian.
ANSWER: The Sheriff of Nottingham
[10] Robin Hood's second-in-command is this man, who joined the Merry Men after defeating Robin Hood on top of a bridge.
ANSWER: Little John (Prompt on "John")

(19)   Answer the following about authors who wrote about palaces for ten points each.
[10] This author wrote *Palace Walk* and *Palace of Desire*, books that, along with *Sugar Street*, formed his *Cairo Trilogy*.
ANSWER: Naguib Mahfouz
[10] This author wrote about Sally Carrol Hopper's engagement with Harry Bellamy and disillusionment with the north in *The Ice Palace*, a short story collected in *Flappers and Philosophers*. He also a novel in which Dick Diver becomes an alcoholic, *Tender is the Night*.
ANSWER: F(rancis) Scott (Key) Fitzgerald
[10] The orphan Marco Fogg begins a relationship with Kitty Wu in this author's *Moon Palace*. He wrote *City of Glass*, *Ghosts*, and *The Locked Room* in *The New York Trilogy*.
ANSWER: Paul Benjamin Auster

(20)   The music video for one song on this album used rotoscope animation and makes several references to the Jetsons. For ten points each:
[10] Name this album which contains such songs as *Love Lockdown* and the aforementioned *Heartless*. It departed from its artists' prior rap and hip-hop style to include more singing and autotune.
ANSWER: 808s and Heartbreak
[10] *808s and Heartbreak* is this artist's fourth album. He collaborated with Jay-Z on *Watch the Throne*, and his latest album *Yeezus* spawned such hits as *Blood on the Leaves* and *Black Skinhead*.
ANSWER: Kanye West
[10] West collaborated with Kid Cudi and Raekwon on this song from his album *My Beautiful Dark Twisted Fantasy*. Its hook contains the line "If I want it, I got it," and West also asks "Is hip-hop just a euphemism for a new religion?" to open the second verse.
ANSWER: Gorgeous

(21)   This action was supported by N.P. Banks and Charles Sumner, and the ship *Winged Arrow* was purchased to facilitate it. For ten points each:
[10] Name this action set a price at about two cents per acre and which became known as "Seward's Folly" after the Secretary of State who organized it.
ANSWER: United States's purchase of Alaska (accept equivalents)
[10] The purchase of Alaska was negotiated during the presidency of this man, who unsuccessfully ran the "Swing Around the Circle" campaign. This successor of Abraham Lincoln barely avoided being kicked out of office in his 1868 impeachment.
ANSWER: Andrew Johnson
[10] The impeachment of Andrew Johnson was declared unconstitutional by this 1920 court case, whose claimant was a Postmaster removed from office by Woodrow Wilson.
ANSWER: Myers v. United States (accept names in either order)