FACTS
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PACKET 13
Editors 9 (TJ + CSW)

TOSSUPS

1. This element binds to four atoms of iodine to form Nessler's reagent, and was used to minimize friction in the Michelson-Morley experiment. Along with zinc, this metal is used as a reducing agent in the Clemmensen reduction. When bound to acetate, it can be used to transform an alkene into an alcohol. This metal, which is found in its (*) +2 state in the mineral cinnabar, forms alloys called amalgams. Despite its toxicity, it was used during the Renaissance as a treatment for syphilis, and it has also been used to preserve vaccines and fill glass thermometers. For 10 points, identify this element with symbol Hg.
ANSWER: **mercury** [prompt on "Hg" before read]

2. A poem by this author ends with a "threnos" that ask those "true or fair" "For these dead birds sigh a prayer." This author of "The Phoenix and the Turtle" dedicated a collection to Mr W.H. that opens "From fairest creatures we desire increase." One of his poem's subjects is "a star to every wandering bark"; that poem ends with a declaration that if he is wrong, "I never (*) writ, nor no man ever loved." This author wrote a parody of a blazon that compares its subject's hair to "black wires" and complains "Coral is far more red, than her lips' red." For 10 points, name this author of "My mistress' eyes are nothing like the sun," one hundred and fifty three other sonnets, and Hamlet.
ANSWER: William **Shakespeare**

3. This city is the most densely populated region in the world, with over 20,000 people per square kilometer. This city was first settled in the 1550s, and was the last European colony in Asia. This city is found on the Pearl River Estuary, and like its neighbor (*) Hong Kong, is a participant in the "One Country, Two Systems" Policy. This city is the top casino market in the world, and it includes such casinos as the Casino Lisboa and the Venetian; as such, this city is known as "the Monte Carlo of the Orient." For 10 points, name this city in South China that was a Portuguese colony.
ANSWER: **Macau** [or **Macao** or **Aomen**]

4. A short film by this director features Peter Bernuth shaving away both his hair and his skin, thus serving as a metaphor for U.S. involvement in the Vietnam War. In another film, the main character is served egg noodles and ketchup when he orders spaghetti with marinara sauce at a restaurant shortly after entering the Witness Protection Program; that film is an adaptation of Nicholas Pileggi's (*) *Wiseguy.* Another of this man's films contains a scene in which the main character repeatedly asks his reflection in a mirror "You Talkin' to Me?"; that film follows a Robert De Niro-played Travis Bickle's attempts at vigilante justice. For 10 points, name this director of *Goodfellas* and *Taxi Driver*.
ANSWER : Martin (Charles) **Scorsese**

5. In one work by this author, a character with a diamond studded coat fights alongside Marshal Ney before being shot in the leg and leaving for seminary school in Naples. Under the guidance of Prince Korasoff, a social-climber created by this man wins the affection of an aristocratic woman who, despite carrying his child, marries a rich heir to a duchy. One of this author's characters (*) shoots a praying woman at mass in Verrieres, and Mathilde de la Mole repeatedly kisses the severed head of that man, Julien Sorel. Fabrice del Dongo appears in a work by, for 10 points, what author of *The Charterhouse of Parma* and *The Red and the Black*?
ANSWER: **Stendhal** [or Marie-Henri **Beyle**]

6. In a play by this man, a vision inspires an elderly hermit named Makak to journey to Africa. This author notes that "the violence of beast on beast is read as natural law" in a work that declares "the gorilla wrestled with the Superman". This man laments that "the classics can console. But not enough" in the poem (*) *Sea Grapes*. Besides exploring his mixed ancestral heritage in *A Far Cry From Africa*, this author retold Homer's *Iliad* in a poem that features fishermen like Achille and Hector. For 10 points, name this Caribbean writer who was awarded the Nobel Prize for *Omeros*.
ANSWER: Derek **Walcott**

7. DESCRIPTION ACCEPTABLE. This activity grants the *huaanga* type of *mana* and creates a bond called *hau* among the Maori. Maurice Leenhardt coined "total prestation" to describe objects central to this activity. A specific type of it governed by the "opposite flow" rule features *mwali*. Canada long banned a ceremony of this type practiced among the Kwakiutl called (*) potlatch. *Argonauts of the Western Pacific* documents an activity of this type performed across islands with red shell necklaces and white armbands. For 10 points, name this subject of an essay by Marcel Mauss which may prompt reciprocity, includes the *kula ring* system, and center on objects placed under Christmas trees.
ANSWER: **gift-giving** [or **gift exchange**; accept **present** or other synonyms in place of "gift"; prompt on partial answers; prompt on *The **Gift*** or ***Essai sur le don*** by asking for an activity; accept descriptions]

8. This city used hellebore to poison the wells of Kirrha during the First Sacred War, and it stored silver offerings in its Siphnian Treasury. A temple once located here was inscribed with the maxim "know thyself" and contained the altar of the Chians. An outcrop known as Sibyl's Rock overlooks the Temple of Apollo in this city, where the ruins of the Tholos temple can be seen, and its sloped theatre provides a view of the valley of Phocis. This city, located on (*) Mount Parnassus, was the site of a fuming rock chasm where the Pythia was seated on a tripod, and Apollo was said to have slain Python here while guarding the Castalian Spring. For 10 points, name this Greek city home to a famous oracle.
ANSWER: **Delphi**

9. One equation describing a form of this phenomenon sets the potential proportional to the negative exponential of radius divided by radius; that equation for the Yukawa potential describes the residual form of this phenomenon. Confinement of a certain quantity prevents the free "emission" of this phenomenon, and instead leads to the production of jets of massive particles. This phenomenon is described by quantum (*) chromodynamics, since this interaction's carrier particle possesses a color charge; that carrier particle is the gluon. The force that binds quarks together into nucleons and protons and neutrons together into atomic nuclei is--for 10 points--what fundamental force with a strength approximately 137 times that of electromagnetism?
ANSWER: **strong** interaction [or **strong** nuclear force; accept **strong** force or nuclear **strong** force]

10. One rebellion against this dynasty began when a customs official expropriated its leader's lacquer trees. That man, a leader of the Manichaean community, was Fang La. Scientists including Su Song were active during this dynasty, part of which was marked by a rivalry between Sima Yi and Wang (*) Anshi. The Liao dynasty ruled to the north of this dynasty, but was eventually replaced by the militaristic Jurchen Jin, whose capture of this dynasty's capital of Kaifeng prompted the establishment of a new capital at Hangzhou. This dynasty established Neo-Confucianism as state doctrine, printed paper money, and fell to Kublai Khan's Mongol invasion in 1279. For 10 points, name this Chinese dynasty that preceded the Yuan.
ANSWER: **Song** dynasty

11. After a leader with this surname lost his left eye to cataracts, he falsely blamed it on a brawl with opponents during the 1958 election. Another person with this surname lost parliamentary immunity after tweeting an image of journalist James Foley being beheaded, and her "de-demonization" campaign caused her father (*) to attack her as "ungrateful." That politician with this surname called for a closure of mosques following an April 2017 shooting and promised a referendum to withdraw from the EU during her presidential campaign, but was defeated by Emmanuel Macron. For 10 points, name this far-right French political family that leads the National Front and includes former presidential candidate Marine.
ANSWER: **Le Pen** [accept (Marion Anne Perrine) "Marine" **Le Pen** and Jean-Marie **Le Pen**]

12. DESCRIPTION ACCEPTABLE. This belief was popularized by *The System of Nature* authored by the Baron d'Holbach. Temples for a religion largely formulated by Antoine-Francois Momoro to promote this belief hired an actress in blue, red, and white to represent Marianne, or Liberty. This belief would only result in finite gain or loss, while its opposite would have an infinite expected value, according to part of the (*) *Pensees* [pahn-SAYz]. This religious belief was the foremost promoted by the Cult of Reason. It was argued against in a probabilistic "wager" put forth by Blaise Pascal, and also argued against by Voltaire and other deists. For 10 points, name this belief in the non-existence of any number of deities.
ANSWER: **atheism** [or descriptions; accept "**worship of Reason**" or equivalents before "*Pensees*" to be nice, but not thereafter (though d'Holbach wasn't into that); do not prompt on "agnosticism" because all of these clues only refer to atheism]

13. This figure drew blood from and then returned it to the old Aeson to energize him. This figure boiled a chopped up old ram to deceive the daughters of the king of Iolcus. According to Apollonius of Rhodes, this descendant of Aeetes conspired with a lover to kill Absyrtus. A man following advice "not [to] unstop the wineskin's neck," the Athenian king Aegeus, (*) marries her late in her life. This figure pulls the nail out of Talos' foot. A golden chariot pulled by dragons is sent to her by Helios. She killed her first husband's second wife Glauce with a poisoned dress. For 10 points, name this priestess of Hecate who aided the Argonauts and married Jason.
ANSWER: **Medea**

14. This language optimizes runtime by compiling code using ASM or BCEL, two libraries for generating this language's bytecode. Multithreading in this language can be handled using classes that implement the ExecutorService interface. The default graphics library for this language is (*) Swing, and this language is often applied to web-based applications in the form of namesake applets. Because this language uses automatic garbage collection, it does not support pointer arithmetic. Bill Joy helped develop this language, which is optimized for machines running Solaris, but is able to run across multiple operating systems due to its namesake Virtual Machine. For 10 points, name this object-oriented programming language invented by Sun Microsystems.
ANSWER: **Java**

15. This man began his political career by criticizing Maurice Duplessis in the magazine *Cite Libre*. This leader was accused of "western alienation" after he instituted the National Energy Program, as well as cursing in parliament, which he denied, claiming instead to have muttered (*) "fuddle duddle." A crisis was ignited by the kidnapping of Pierre Laporte and James Cross under this man's administration. In his highest post, this politician established the Charter of Rights and Freedoms and responded "just watch me" to a reporter upon invoking the War Measures Act. For 10 points, name this man who led Canada during the October Crisis, the father of Canada's current prime minister.
Answer: **P**ierre Yves Elliott **Trudeau** [prompt on "Trudeau"; do not accept "Justin Trudeau"]

16. This author sent a set of three mysterious letters to a unknown man whom she simply referred to as "Master." She wrote "A Service, like a Drum- / Kept beating - beating - till I thought / My Mind was going numb-" in another work. (*) In that poem, "I felt a Funeral, in My Brain", she recalls how "then a Plank in Reason, broke." She noted passing the "Field of Grazing Grain" and the "Setting Sun" before pausing at "a House that seemed / A Swelling of the ground." For 10 points, name this author of "Because I could not stop for death" and "I heard a fly buzzed when I died," known as the Belle of Amherst.
ANSWER: Emily **Dickinson**

17. A man complains about his daughter's disobedience in a piece by this composer in which the narrator instructs the audience to "be still, stop chattering". Another work in that genre by this man is known as *Sleepers Awake*. After the death of Augustus the Strong, this composer wrote a piece whose Symbolum Nicenum section contains the movements "Et in spiritum sanctum" and "Crucifixus". The aria "Sheep May Safely Graze" appears in this composer's (*) *Hunting Cantata*. This man's other works include thirty variations on a G major aria and a set of six pieces for a German margrave. For 10 points, name this composer of the Mass in B minor, the *Goldberg Variations*, and the *Brandenburg Concertos*.
ANSWER: Johann Sebastian **Bach**

18. One artist from this country painted a curtain so realistically that his rival--who himself drew grapes so well that birds pecked at them--thought that it was a curtain in which to hide his artwork. A painting set in this country borrowed *The Raft of the Medusa*'s structure of two human pyramids, the points of which are a man in a red fez and a mounted soldier about to kill everyone. An artist born in this home country of Zeuxis painted a work split into (*) Earthly and Heavenly portions that depicts Stephen and Augustine laying a nobleman in the ground; that work is *The Burial of the Count of Orgaz*. For 10 points, name this country which is the setting of Delacroix's *Massacre at Chios* and the birthplace of Domenikos Theotokopoulos.
ANSWER: **Greece** [accept ancient **Greece**; accept **Hellas**; accept the **Hellenic Republic**]

19. Before this battle, one side planned a surprise attack on "AF" but gave the location away when the message "AF is short on water" was intercepted. One fleet involved in this battle assembled before it at "Point Luck". By following the wake of the *Arashi* at this battle, C. Wade McClusky was able to locate part of Admiral (*) Nagumo's fleet. Rear Admiral Yamaguchi launched an aerial counterattack from the *Hiryu* that sank the *Yorktown*, but Chester Nimitz's fleet managed to sink the *Hiryu* as well as the *Soryu*, *Akagi*, and *Kaga*. For 10 points, the Japanese lost four aircraft carriers in what turning point of World War II's Pacific theater, fought near an atoll northwest of Hawaii?
ANSWER: Battle of **Midway**

20. Patients with Ehlers-Danlos syndrome may suffer an aneurysm of part of this structure. This structure is considered "overriding" in patients with tetralogy of Fallot, and Turner's syndrome often results in this structure's narrowing. Baroreceptors in this structure's (*) arch relay blood pressure information to the medulla oblongata; that arch splits off into the brachiocephalic, left common carotid, and left subclavian branches. This structure's descending section passes the diaphragm and terminates by splitting into the common iliac arteries**.** Oxygenated blood is received from the heart and distributed by--for 10 points--what largest artery in the human body?

ANSWER: **<u>aorta</u>**

BONUSES

1. These structures can be described as "face centered cubic," "body centered cubic" or "orthorhombic". For 10 points each:
[10] Name these highly uniform structures, often formed from lattices of ions. Diffraction through these structures is described by Bragg's Law.
ANSWER: **crystals** [or **crystalline** solids]
[10] While an ideal crystal has every atom in a perfectly repeating pattern, most crystals possess these interruptions in crystal patterns. Frenkel and Schottky name types of these entities, which include vacancies and dislocations.
ANSWER : crystal **defect**s [or **crystallographic** defects; accept vacancy **defect**s or interstitial **defect**s or Frenkel **defect**s, or Schottky **defect**s]
[10] This man names three indices to describe the structure of crystals and the spacing between elements in crystal lattices; those indices are represented as h, k, and l, and denote the family of planes orthogonal to the basis of the reciprocal lattice vectors.
ANSWER : William Hallowes **Miller**

2. Contrary to popular belief, this man was not directly involved with the House Un-American Activities Committee because he was a senator. For 10 points each:
[10] Namd this Wisconsin demagogue who once accused the Army of being overrun with Communists. In his Wheeling Women's Club Speech, this politician claimed to "hold in his hand" a list of 225 Communists in the State Department
Answer: Joseph **McCarthy**
[10] In an oft-quoted moment of the Army-McCarthy hearings, this Army lawyer asked McCarthy, "Have you no sense of decency?"
Answer: Joseph (Nye) **Welch**
[10] McCarthy's political career was finished when this news anchor issued a report against him on his show *See it Now*.
Answer: Edward R. **Murrow**

3. You'll be on thin ice if you fail to answer these bonus parts. For 10 points each:
[10] This figure skater blitzed the scene after transitioning from the junior ranks, winning everything for two years. She performs many of her jumps with one or two arms above the head.
ANSWER: Evgenia **Medvedeva**
[10] Medvedeva has issues with this jump type. This jump is the only one with a forward takeoff, and requires an extra half revolution. The triple variation of this jump has only been performed by eight women skaters, though it's commonplace in men's skating.
ANSWER: **axel** [accept double **axel** or triple **axel**]
[10] This 2017 and 2018 US Men's champion made history by landing five quads in the freeskate. He is the record holder for the highest points earned by one element, a quad lutz-triple toe combination.
ANSWER: Nathan **Chen**

4. For 10 points each, answer the following about the Polynesian expansion of the 1st millennium:
[10] This island country was settled by Polynesians who are the ancestors of its Merina people. This country's modern people are the descendants of those Polynesians and Bantu migrants from its mainland.
ANSWER: **Madagascar**
[10] This island was the furthest East point settled by Polynesians. This island is known for its giant stone moai heads and is indigenously known as Rapa Nui.
ANSWER: **Easter** Island
[10] Mainstream scholarship holds that Polynesians are descended from the aborigines of this island, including the Atayal and Bunun peoples, who largely speak Malayo-Polynesian languages.
ANSWER: **Taiwan** [accept **Formosa**]

5. The 2017 winner of this award is the novel *Lincoln in the Bardo,* while the 2016 winner is *The Sellout.* For 10 points each:
[10] Name this prestigious award for English language books, originally awarded only to British authors.
ANSWER: Man **Booker** Prize for Fiction
[10] This winner of the Booker Prize was awarded the 2017 Nobel Prize for Literature for works like *Never Let Me Go*. His most recent novel, published in 2015, is called *The Buried Giant*.
ANSWER: Kazuo **Ishiguro**
[10] The book for which Ishiguro received the Booker Prize, *The Remains of the Day,* sees the butler Stevens visit this character who had previously worked with him as housekeeper of Darlington Hall.
ANSWER: Miss **Kenton**

6. Taking the anniversary of his coronation as a good omen, the loser of this battle decided to forgo the protection of the Aurelian Walls. For 10 points each:
[10] Name this 312 AD battle that took place near the namesake structure over the Tiber. After this battle, the victor brought rebellious African provinces in line by sending them Maxentius's head.
ANSWER: Battle of the **Milvian Bridge**
[10] This winner of Milvian Bridge had earlier issued the Edict of Milan, legalizing Christianity in the Roman Empire. He eventually ended Diocletian's Tetrarchy and became the sole ruler.
ANSWER: **Constantine the Great** [or **Constantine I**; or **St. Constantine** the Great, Equal-to-the-Apostles; prompt on "Constantine" or "Constantinus"]
[10] Constantine's battle standard, the *labarum*, displayed this religious symbol. Before Milvian Bridge, Constantine was allegedly commanded in a dream to paint this symbol on his soldiers' shields.
ANSWER: **Chi-Rho**

7. This function's generalization for non-integers is called the gamma function. For 10 points each:
[10] Name this function that returns the product of all integers from 1 to its argument.
ANSWER: **factorial**
[10] Many approximations for the factorial use this function, since this function of the factorial is slowly varying. This function's Taylor series starts with "x minus x squared over two plus x cubed over three."
ANSWER: **natural log**arithm [or **ln**(x); prompt on "log"]
[10] This approximation for the factorial states that the natural log of n factorial is approximately equal to n times the natural log of n, minus n.
ANSWER: **Stirling**'s approximation [or **Stirling**'s formula]

8. A pack of these animals follow a group of men in Bruegel's painting *The Hunters in the Snow*. For 10 points each:
[10] Name this animal which appears between the central couple of the *Arnolfini Wedding* as a symbol of fidelity.
ANSWER: **dog**
[10] This English artist depicted a dog in his self-portrait entitled *Painter and his Pug*. He is better known for collections *Marriage a-la-mode* and *The Rake's Progress*.
ANSWER: William **Hogarth**
[10] A group of dogs seated around a table take part in this activity in a series of works by Cassius Coolidge.
ANSWER: playing **cards** [or playing **poker**]

9. Benjamin Hawkins designed a set of dinosaur sculptures that were displayed in this structure, whose exterior extensively used the newly-introduced method of sheet glass production. For 10 points each:
[10] Name this massive iron and glass building constructed in London's Hyde Park that was designed by Joseph Paxton.
ANSWER: **Crystal Palace**
[10] The Crystal Palace housed the Great Exhibition of 1851, during which inventor Samuel Colt demonstrated several of these devices that improved upon earlier pepperbox designs. These devices famously "won the west".
ANSWER: **revolver**s [prompt on "guns" or "firearms"]
[10] The construction of the Crystal Palace was overseen by a building committee that included this British engineer, who famously built the *SS Great Britain* and the Great Western Railway.
ANSWER: Isambard Kingdom **Brunel**

10. Chinese Nobel Laureate Mo Yan named his novel about a family of sorghum brewers after this color. For 10 points each:
[10] Identify this color which also titles a novel that opens with the murder of the artist Elegant Effendi. This color, a corpse, a coin, and the Devil are narrators of that work.
ANSWER: **red**
[10] Elegant Effendi appears in the book *My Name is Red*, a work by this Nobel-winning author of *Snow* and *The Museum of Innocence.*
ANSWER: Orhan **Pamuk**
[10] *My Name is Red* is set in this empire during the reign of Sultan Murat III.
ANSWER: **Ottoman** Empire

11. Japan is home to many large cities. For 10 points each,
[10] This city administers the Ogasawara and Izu Islands, despite most islands being hundreds of miles from this city. It is also the capital of Japan.
ANSWER: **Tokyo**
[10] This large port city sits on the estuary of the Yodo River. It is home to a castle from the Sengoku period and the Sumiyoshi Taisha shrine.
ANSWER: **Osaka**
[10] This largest city on Hokkaido hosts a world-famous snow festival every year. This city was also home to the first Winter Olympics in Asia in 1972.
ANSWER: **Sapporo**

12. Did you know that Camillo Golgi did things other than serve as the namesake of an organelle? Well, here's three bonus parts on something else he did--for 10 points each:

[10] Golgi pioneered a method of visualizing these cells through a namesake staining technique, which uses silver nitrate to clearly stain dendrites and the cell soma in brown and black.

ANSWER: **neurons** [or **nerve** cells]

[10] Golgi staining was used by this Spanish scientist to visualize cells from the hippocampus. This man lends his name to bodies of protein and RNA contained in the nuclei of cells with high metabolisms.

ANSWER: Santiago Ramón y **Cajal** [accept **Cajal** bodies]

[10] Golgi's staining technique ends by dehydrating the sample of neurons in a bath of this compound. Along with carbon dioxide, this organic compound is a product of fermentation in plants and yeast.

ANSWER: **ethanol** [accept **ethyl** alcohol, prompt on "alcohol" or "drinking alcohol"]

13. The Dardanelles Gun, an enormous bronze cannon, was employed during this event.. For 10 points each:

[10] Name this event that marked the true end of the Roman Empire. During this event, Ottoman Turks repeatedly bombarded the Theodosian Walls for over a month.

ANSWER: **Fall of Constantinople** [prompt on "siege" or "battle" of Constantinople; accept anything that implies Constantinople was taken]

[10] This man was the last emperor of the Byzantine Empire, and thus the last emperor of Rome.

ANSWER: **Constantine XI** or **Constantine Palaiologos**

[10] Constantine Palaiologos called for a crusade, but only a band of mercenaries led by Giovanni Giustiniani from this Italian city state responded.

ANSWER: **Genoa**

14. This man's *Wanderer Fantasy* was so difficult that he himself allegedly could not play it. For 10 points each:

[10] Name this Austrian composer of an unfinished Symphony No. 8 who pioneered German lieder with such works as *Winterreise* ["vinter-RICE"].

ANSWER: Franz Peter **Schubert**

[10] A green ribbon that belongs to a huntsman is a motif in this Schubert song cycle. This work begins with "Das Wandern" and is based on a set of twenty poems by Wilhelm Müller.

ANSWER: ***Die schöne Müllerin*** [accept ***The Beautiful Maid of the Mill***; accept reasonable variations mentioning a beautiful girl and a mill]

[10] Schubert reused the theme of his lied "Die Forelle", or"The Trout", in the fourth movement of a composition for this number of performers.

ANSWER: **five** [accept *Trout **Quintet***]

15. For 10 points each, answer some questions about *Beloved*.

[10] Before her death, Baby Suggs became fixated on these things, requesting Sethe to bring them to her bedroom. She associates one of these things with Beloved's cradle, and another with her bloody death.

ANSWER: **colors**

[10] This author of *Beloved* also penned *The Bluest Eye* and *Song of Solomon*.

ANSWER: Toni **Morrison**

[10] This black protagonist of *The Bluest Eye* suffers from low self-esteem because of her appearance. In one scene, she drinks quarts of milk to reveal Shirley Temple's beautiful face at the bottom of the bottle.

ANSWER: **Pecola Breedlove** [accept either name]

16. Catalysts play a significant role in mediating chemical reactions. For 10 points each:

[10] Catalysts work by lowering this quantity, the amount of energy needed to start a chemical reaction.

ANSWER **activation energy**

[10] With Hinshelwood, this man names a mechanism by which molecules adsorb onto neighboring sites of a catalyst. This man also developed the extension of the octet rules for metals called the 18-electron rule.

ANSWER: Irving **Langmuir**

[10] Catalysts of this type have a phase different from that of the reactants. Examples of these types of catalysts include Lindlar's catalyst, which consists of palladium deposited on calcium carbonate and is used to hydrogenate alkynes.

ANSWER: **heterogeneous** catalysts

17. The protagonist Hurtle Duffield works in this profession in the novel *The Vivisector*. For 10 points each:

[10] Name this profession in which men like Yoshihide and Basil Hallward also worked.

ANSWER: **artist** [accept clear equivalents, such as **painter**]

[10] The author of *The Vivisector*, Patrick White, comes from this country. Another writer from this nation, Thomas Keneally, explored racism against Aboriginals in *The Chant of Jimmie Blacksmith*

ANSWER: **Australia**

[10] Another Australian author, Peter Carey, won acclaim for writing a "true history" of this Australian bushranger who wore a homemade suit of armor.

ANSWER: Ned **Kelly**

18. You are reading the Quran. For 10 points each:

[10] You should balance what you read with this oral tradition of the life, deeds, and sayings of Muhammad, which are usually based on hadith. The name of a major branch of Islam is derived from it.

ANSWER: **Sunnah** (hence Sunni Islam)

[10] You will probably read the Quran verse by verse, or *ayah* by *ayah*, but might skip around between these chapters of the Quran, which are mostly organized by length.

ANSWER: **sura**(h) [or **surat**]

[10] Not all of the Quran may currently apply to you, so to know which *ayah* abrogates which, you should learn which were written before this event, and which were written after. The last 24 surahs were revealed after it, and are thus named as a group for a single city. A description is acceptable.

ANSWER: the **Hijra** [or **Hegira**; accept any description of Muhammad's **migration** or **journey** either **from Mecca** or **to Medina / Yathrib**, but prompt on partial and don't accept any answer that has the cities in the wrong order]

19. According to Aristotle, Speusippus denied that the "ideal" version of these things existed, while Xenocrates equated these things with the forms, Plato in his later thought likely did. For 10 points each:

[10] The belief in the existence of these things independently of the mind is thus often termed Platonism. When they were not working on logic, these things were studied by Alfred Tarski and Kurt Godel [GUR-"dull"].

ANSWER: **number**s [anti-prompt on "sets"; prompt on "mathematics"]

[10] Followers of this creator of a prank drinking glass worshiped ten in the form of the Tetractys, but didn't like 2 as much for being the "female" number and the number of opinion. They also possibly drowned Hippasus for discovering an irrational number while studying triangles, to which this man's most famous theorem applies.

ANSWER: **Pythagoras** of Samos [accept **Pythagorean** theorem]

[10] This thinker promoted achieving henosis, or "oneness," with the One from which all things emanate in the *Enneads* compiled by his student.

ANSWER: **Plotinus**

20. One of this poem's namesakes hunts a deer, boar, and fox while the other kisses that man's wife on three days; they exchange animals and kisses at the end of each day. For 10 points each:

[10] Name this bob-and-wheel poem in four "fits," centering on a beheading contest.

ANSWER: _**Sir Gawain and the Green Knight**_

[10] Sir Gawain was among the knights who sat at this king's Round Table. His death titles a Thomas Mallory book.

ANSWER: King **Arthur** Pendragon [or **Artorigus**; accept _La **morte d'Arthur**_ or The _**Death of Arthur**_]

[10] A pentangle is found on Gawain's object of this type, which prompts the narrator to list a series of "five fives." An ekphrasis on the one owned by Achilles describes two beautiful cities on the second of its nine layers.

ANSWER: **shield** [or **targe** or whatever archaic synonym a player gives]