

Round 4 1st Section Toss-up Questions

Question #1: Science

10 points

About 10% of deaths due to this disease cannot be assigned a specific cause and are called "sudden unexpected death in" this disease. This disease and bipolar disorder are sometimes treated with sodium valproate [val-PROH-"ate"]. This disease and depression can be treated by vagus [VAY-gus] nerve stimulation, and this disease is sometimes treated by removing part of the brain. People with this disease experience episodes that can be classified as absence, tonic, or clonic [KLAH-nik]. The myoclonic ["MY"-oh-KLAH-nik] episodes that people with this disorder experience are characterized by brief jerks or twitches of arms and legs. Name this set of disorders characterized by seizures.

epilepsy [prompt on
seizure disorder or
seizures]

Question #2: Literature

10 points

In a novel by this author, the narrator opens a window to let in the protagonist from a fire escape. This author then has the protagonist say "If there's one thing that I loathe, it's men who bite", and she asks the narrator if she can call him Fred. In that novel, this author wrote about a relationship between Mag Wildwood and José Ybarra-Jaegar [hoh-ZAY ee-BAR-ah YAY-gar]. A book by this writer is set in Holcomb, Kansas, and ended up being largely about Richard Hickock and Perry Smith. Name this author who wrote about the murder of the Clutter family in *In Cold Blood* and about Holly Golightly in *Breakfast at Tiffany's*.

Truman (Garcia) <u>Capote</u> [or Truman Streckfus <u>Persons</u>]



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Question #3: Social Studies

10 points

Three months before this battle, a prisoner	Battle of <u>Trenton</u>
exchange freed John Sullivan, who during this	
battle prevented escapes by controlling a bridge	
over the Assunpink [ASS-un-"pink"] Creek. One	
side in this battle was led by Johann [YOH-hahn]	
Rall, who died the next day from his wounds. This	
battle changed the momentum of the war, reversing	
the results of the Battles of Fort Lee and Fort	
Washington a month earlier. This battle took place	
the day after Christmas. George Washington	
crossed the Delaware to get to this battle. Name	
this battle where forces under Washington defeated	
Hessians in New Jersey.	

Question #4: Fine Arts

One piece by this composer quotes the funeral	Richard (Georg) Strauss
march of Beethoven's <i>Eroica Symphony</i> and was	[REEK-hart shtraoss]
written for 23 solo string instruments. That work	
was composed at the end of World War II after the	
destruction of opera houses that had performed this	
composer's works. Another work by this composer	
begins with rising half notes that play C, then G,	
then C, then two chords followed by percussion.	
That passage is in the introduction, which is titled	
"Sunrise" and was used in the film 2001: A Space	
Odyssey. Name this German composer of	
Metamorphosen and Also sprach Zarathustra.	



Round 4 1st Section Toss-up Questions

Question #5: Science

10 points

Some of these substances, especially hydro-philic	colloids [KAH-loydz]
["hide"-roh-FILL-ik] ones, are able to expand by	
adsorbing water through imbibition	
[im-buh-BISH-un]. When surfactant molecules are	
dispersed in one of these substances, micelles	
["my-SELLS"] can form. Nephelometers	
[nef-uh-LAH-mih-turz] are used to measure these	
substances by taking advantage of an effect that is	
very similar to Rayleigh scattering. These	
substances contain particles that are between 1 and	
1,000 nano·meters long. The scattering in these	
substances is the Tyndall [TIN-dahl] effect. Name	
this type of mixture that includes foams, sols, gels,	
and emulsions.	

Question #6: Literature

A kick from this creature caused the well	<u>Pegasus</u>
Hippocrene [HIP-oh-kreen] to form on Mount	
Helicon, which inspired the Muses. This creature	
was captured while drinking at the well Peirene	
[pay-REE-nee]. A hero became hated after trying	
to use this creature to reach Mount Olympus. This	
creature had a human brother who was born at the	
same time as him and had a name meaning "he	
who bears a golden sword". This offspring of	
Poseidon and brother of Chrysaor ["CRY-say-or"]	
was born when his mother Medusa was decapitated.	
This creature was captured by Bellerophon	
[bell-AIR-oh-fahn] and helped him defeat the	
Chimera [ky-MEER-uh]. Name this winged horse.	



Question #7: Mathematics

10 points per part

This	s quantity is often used to quantify	
expe	onential decay.	
1	Name this quantity equal to the amount of time	<u>half-life</u>
	it takes for an amount to decrease by 50%.	
2	If the half-life of a substance is one day, how	<u>8</u> grams
	many grams of a 32-gram sample are left after	
	two days?	
3	Rounded to the nearest gram, if the half-life of	<u>71</u> grams
	a substance is 10 days, what will be the final	
	mass of a 100-gram sample after five days?	

Question #8: Mathematics

Con	npleting the square on a quadratic function	
mal	xes it easy to identify the coordinates of this	
poir	nt.	
1	Give this term for the point on a parabola that	vertex
	the axis of symmetry passes through.	
2	Find the x-coordinate of the vertex of the	x = 3 (The y-coordinate is
	parabola " y equals x squared minus $6x$ plus 10".	1.)
	Give only the x -coordinate.	
3	Find both coordinates of the vertex of a	$(\underline{5}, \underline{8})$ [order matters;
	parabola if its focus is the point "3 comma 8"	accept $\underline{x=5}$ and $\underline{y=8}$]
	and its directrix is the line " x equals 7".	



Question #9: Social Studies

10 points per part

This	s quantity equals the amount of a good that	
cons	sumers are willing and able to purchase.	
1	Name this quantity often contrasted with	demand
	supply.	
2	The y -axis on a demand curve typically	price [do not accept
	represents this quantity. The x -axis represents	"cost"]
	the quantity of a good.	
3	Consumer demand curves are sometimes	<u>indifference</u> curves
	generated using these curves that link	
	combinations of quantities that consumers	
	consider to have equal values.	

Question #10: Social Studies

This	s type of payment is contrasted with principal.	
1	Name this type of payment made from a	interest
	borrower to a lender, including payments from	
	banks to people with certain savings accounts.	
2	This interest rate is the lowest available rate at	prime rate
	a particular time to the most credit-worthy	
	customers. It is usually 3% more than the	
	federal funds rate.	
3	According to this equation, the rate of inflation	Fisher equation
	equals the difference between the real interest	
	rate and the nominal interest rate.	



Question #11: Literature

10 points per part

This	s poem states "But at my back I always hear	
time	e's winged chariot hurrying near."	
1	Name this poem that begins "Had we but world	"To His Coy Mistress"
	enough and time."	
2	This English poet wrote "To His Coy Mistress"	Andrew Marvell
	and "Flecknoe".	
3	The poem "To His Coy Mistress" states that	the grave
	this location is "a fine and private place". The	
	poem adds "But none, I think, do there	
	embrace." Use the same term that the poem	
	uses.	

Question #12: Literature

This	s poem mentions "A gown made of the finest	
woo	l" and "Fair lined slippers for the cold".	
1	Name this poem that begins "Come live with	"The Passionate
	me, and be my love."	Shepherd to His Love"
2	"The Passionate Shepherd to His Love" was	Christopher <u>Marlowe</u>
	written by this 16th-century English poet and	
	playwright.	
3	After Christopher Marlowe died, this	George <u>Chapman</u>
	man—who translated Homer's works into	
	English—finished Marlowe's poem <i>Hero and</i>	
	Leander [lee-AN-dur].	



Question #13: Science

10 points per part

This	s person devised a thought experiment about a	
cat	that can be treated as both alive and dead.	
1	Name this Austrian physicist whose equation	Erwin <u>Schrödinger</u>
	using wave functions is a fundamental part of	$[{ m SHRAY-ding-ur}]$
	quantum mechanics.	
2	Most forms of the Schrödinger equation use this	Hamiltonian
	operator that combines kinetic and potential	
	energies.	
3	Though the Schrödinger equation is often very	particle in a box
	difficult to solve, this problem—sometimes	problem
	called the "infinite potential well" or "infinite	
	square well"—does have relatively	
	straightforward solutions.	

Question #14: Science

This	s particle has the same mass as an electron but	
a po	ositive charge.	
1	Name this antimatter particle.	<u>positron</u>
		[PAH-zih-trahn] [prompt
		on <u>anti·electron</u> or
		positive electron
2	In the most common example of this process, a	pair production
	photon turns into an electron and a positron.	
3	The positron was predicted from this person's	Paul (Adrien Maurice)
	equation, developed in 1928, that used both	Dirac [DEER-ak]
	quantum mechanics and relativity.	



Round 4 3rd Section Toss-up Questions

Question #15: Social Studies

10 points

This battle is described in detail in the *Mozarabic* [moh-ZAR-uh-bik] Chronicle, but some of the details might not be accurate. The historical importance assigned to this battle has decreased in recent years as historians have pointed out that Uqba [UK-bah] and Yusuf [YOO-suf] made major incursions in the years after this battle. Both sides in this battle had been rivals with Odo [OH-doh] the Great, who warned his rival to the northeast after being defeated from the south. Abdul Rahman was killed during this battle, which led to an Umayyad [oo-"MY"-ad] withdrawal in Europe. Name this victory by Charles Martel in 732 in what is now France.

(Battle of) Tours [toor] or Poitiers [pwaht-ee-ay] [accept the Highway of the Martyrs]

Question #16: Mathematics

10 points

The centers of all circles that are tangent to a fixed circle and pass through a fixed point outside the fixed circle form this shape. An object launched at an angle and at greater than the escape velocity will follow a path that is part of this shape. The axes of this shape are called "transverse" and "conjugate". The difference between the distances of any point on this shape to two fixed points is constant. This shape has an eccentricity greater than 1. Part of this shape is created by slicing a cone perpendicular to its base. Name this conic section with two branches.

hyperbola [prompt on
conic section before
"conic"]



Round 4 3rd Section Toss-up Questions

Question #17: Literature

10 points

A character in this novel kisses Fenechka	Fathers and Sons [or
[feh-NECH-kuh], leading to a duel and the same	$Otsy\ i\ Deti$
character leaving Marino. This novel begins with	_
Nikolai and his servant Peter waiting for Nikolai's	
son. Two of the main characters in this novel were	
recently students at St. Petersburg University.	
Characters in this novel debate whether a certain	
point of view consists of either thinking critically or	
not respecting anything. In this novel, Arkady	
[ar-KAH-dee] states that Bazarov [bah-ZAHR-awff]	
is a nihilist [NY-uh-list]. Name this Russian novel	
written by Ivan Turgenev [tur-"GAIN"-yeff].	

Question #18: Science

This di-saccharide ["die-SACK-uh-ride"] consists of	lactose
glucose and a mono-saccharide that is created from	
glucose by hexo·neo·genesis	
["HEX-oh-KNEE-oh-genesis"]. Eosin methylene	
[EE-uh-sin METH-uh-leen] blue is used to identify	
organisms that ferment this sugar. A genus of	
bacteria named for being able to digest this sugar	
includes the subspecies <i>bulgaricus</i>	
[buhl-GAR-ih-kuss] and the species acidophilus	
["acid"-AH-fuh-liss]. This sugar is the only common	
sugar of animal origin. This di-saccharide is found	
in high concentrations in milk. Name this sugar	
that most of the world's population, though not	
most people of European descent, have an	
intolerance for.	



Round 4 3rd Section Toss-up Questions

Question #19: Social Studies

10 points

The constitutional clause granting Congress the	<u>war</u> s
power to initiate these actions also gives Congress	
the power to grant letters of marque ["mark"] and	
reprisal. A 1973 joint resolution allows these	
actions to begin on an emergency basis if Congress	
is given notice within 48 hours and passes an	
A.U.M.F. within 60 days. The Supreme Court case	
Schenck v. U.S. found that First Amendment	
protections could be curbed by the Espionage Act	
during these events. Congress has used its power to	
declare these actions in 1812, 1846, 1898, 1917,	
1941, and 1942. Name this type of major conflict.	

Question #20: Miscellaneous

This person helped start the Sasakawa	Norman (Ernst) Borlaug
[sah-sah-KAW-uh] Africa Association, whose	
website quotes him saying "Take it to the farmer!".	
This person hypothesized that improving	
agricultural productivity leads to other benefits,	
such as stopping deforestation. While accepting his	
Nobel Peace Prize, this person stated "The first	
essential component of social justice is adequate	
food for all mankind." Early in his career, this	
person worked in Mexico to develop a semi-dwarf	
wheat plant that was disease-resistant, and his work	
was later applied to India and Pakistan. Name this	
leader of the Green Revolution.	



Question #21: Science

10 points per part

In t	he late 19th century, the Harvard astronomy	
depa	artment hired women who became known as	
"con	nputers".	
1	Harvard computers determined the link between	<u>distance</u> from Earth
	luminosity and period in Cepheid [SEH-fee-id]	[accept descriptive answers
	variables, allowing Cepheid variables to be used	such as how far away
	to find this quantity by comparing the absolute	they are]
	value of luminosity to observed brightness.	_
2	The computers organized this star catalogue,	Henry Draper Catalogue
	named for an amateur astronomer and funded	[accept Henry Draper
	by his widow, who became a computer.	Extension Charts]
3	Cecilia Payne-Gaposchkin [guh-POHSH-kin],	$\underline{\text{hydrogen}}$ [accept $\underline{\textbf{H}}$]
	who later became the Harvard astronomy	
	department chair, discovered that stars'	
	atmospheres consisted primarily of helium and	
	this other element.	

Question #22: Science

Ext	ra·solar planets are planets that orbit a star	
othe	er than our Sun.	
1	The first extrasolar planets discovered were in a	Jupiter [accept
	category combining the word "super" and the	super- Jupiter planets]
	name of this largest planet in our Solar System.	
2	Scientists are focusing on planets in the	Goldilocks zone (because
	circum·stellar habitable ["habit-uh-bull"] zone,	their conditions are "just
	which is given this fairy tale-based nickname.	right" for life)
3	Many extrasolar planets approximately the size	Kepler space telescope
	of Earth were found using this space telescope	
	from 2009 to 2018.	



Question #23: Literature

10 points per part

This	s poem is about an object that "did not give of	
bird	or bush, like nothing else in Tennessee".	
1	Name this poem about an object that "was	"Anecdote of the Jar"
	round upon the ground".	
2	"Anecdote of the Jar" first appeared in this	Wallace Stevens
	poet's collection <i>Harmonium</i> along with "The	
	Emperor of Ice-Cream" and "Disillusionment of	
	Ten O'Clock".	
3	Another Wallace Stevens poem has this many	13 sections [accept
	sections, each of which includes the word	" <u>Thirteen</u> Ways of
	"blackbird".	Looking at a Blackbird"]

Question #24: Literature

Hen	nessey plays a major role in the first part of	
this	novel, but he is killed by a mortar shell.	
1	Name this novel set on the Pacific island of	The Naked and the
	Anopopei [an-oh-POH-"pie"] during World	$\underline{\textit{Dead}}$
	War II.	
2	This author of <i>The Naked and the Dead</i> wrote	Norman (Kingsley)
	about capital punishment in <i>The Executioner's</i>	<u>Mailer</u>
	Song.	
3	Norman Mailer's essay The White Negro was	James (Arthur) Baldwin
	heavily criticized by this person who wrote the	
	essay The Fire Next Time.	



Question #25: Social Studies

10 points per part

This	s empire was interrupted when Humayun	
[hoc	o-MAH-yoon] was defeated by the Sur Empire	
fron	n Afghanistan in 1540.	
1	Name this empire on the Indian subcontinent	Mughal Empire [accept
	that started with Babur [BAH-ber].	the Mughals]
2	Babur defeated Ibrahim Lodi at this location.	(Battle of) Panipat
	Thirty years later, Akbar defeated Hemu	
	[HAY-moo] at the same place.	
3	This empire lost the Third Battle of Panipat,	Maratha Empire [or
	but they gained power after the Mughals and	Maratha Confederacy or
	controlled much of the subcontinent during the	${f Maratha}{f s}]$
	18th century.	

Question #26: Social Studies

The	Houses of Lancaster and York were both	
bran	nches of this royal house, which came from the	
hous	se of Anjou [AN-joo].	
1	Name this royal house that ruled England from	House of Plantagenet
	1154 to 1485.	[plan-TAJ-ih-nut] or
		Plantagenet dynasty or
		<u>Plantagenet</u> s
2	The last Plantagenet monarch is generally	Richard III [prompt on
	considered to be this member of the House of	Richard]
	York who died at the Battle of Bosworth Field.	-
3	The House of Lancaster descended from this	John of Gaunt [prompt
	son of Edward III and father of Henry IV.	on <u>John</u>]



Question #27: Fine Arts

10 points per part

This	s painting shows people from different classes	
fight	ting together in a revolution.	
1	Name this painting, set during the July	Liberty Leading the
	Revolution of 1830, in which the title woman	People [or La Liberté
	holds up a French flag.	$egin{aligned} guidant \ le \ peuple \end{aligned}$
2	This French artist painted Liberty Leading the	Eugène Delacroix
	People.	[<u>del-uh-krwah</u>]
3	This Delacroix painting shows three people	Women of Algiers in
	sitting on the floor as a servant walks away	their Apartment [or
	from them.	Femmes d'Alger dans
		leur appartement]

Question #28: Fine Arts

Ans	wer the following about the Japanese	
woo	dblock commonly called The Great Wave off	
Kan	agawa.	
1	This artist made the print.	(Katsushika) Hokusai
		, ,
2	The Great Wave is the first of 36 Hokusai prints	Mount <u>Fuji</u> [or <u>Fuji</u> -san]
	showing this mountain.	
3	This many fishing boats can be seen in <i>The</i>	three fishing boats
	Great Wave.	



Round 4 5th Section Toss-up Questions

Question #29: Science

10 points

This quantity and charge are the reason that an electron has a magnetic dipole ["DIE-pole"] moment. The Landé [lawn-day] g-factor for this quantity is about 2 because it is about twice as effective at producing a magnetic dipole moment as orbital motion is. When this property of a particle is an integer, the particle obeys Bose-Einstein statistics; when it is not an integer, the particle follows the Pauli exclusion principle. This quantity is an integer for bosons [BOH-zahnz] but it is a half-integer for fermions. The quantum number representing this quantity can take on two values for any electron in an atom. Name this intrinsic form of angular momentum represented by the fourth quantum number.

(magnetic) spin [accept spin angular momentum; prompt on angular momentum; do not prompt on "momentum"]

Question #30: Literature

10 points

One of the characters in this novel summons his servant Hassan [hah-sahn] and points to flies, then helps Hassan figure out that he should kill the flies. Soon after that, Dr. Panna Lal arrives and helps this novel's protagonist avoid going back to work for Major Callendar. In this novel, a bridge party that does not involve any card playing is hosted by Mr. Turton, and a tea party is hosted by Cyril Fielding. This novel also features a broken engagement between Ronny Heaslop and Adela Quested, the latter of whom makes a sexual assault allegation against Dr. Aziz [ah-ZEEZ]. Name this novel by E. M. Forster.

A Passage to India



Round 4 5th Section Toss-up Questions

Question #31: Mathematics

10 points

	1
The Minkowski–Bouligand [min-KAWFF-skee	(fractal) dimension
boo-luh-gawn] version of this quantity is also	
known as the box-counting version and is	
calculated by dividing the log of a quantity	
analogous to area by the log of a quantity	
analogous to radius. Another version of this	
quantity is found by dividing the log of the number	
of copies of a figure by the log of a scaling factor.	
That version of this quantity equals the log base 3	
of 2 for the Cantor set and the log base 2 of 3 for	
the Sierpinski [sir-PIN-skee] triangle. This quantity	
is irrational for many fractals. Name this quantity	
that is 1 for lines, 2 for planes, and 3 for space.	
· /	

Question #32: Social Studies

When Timothy Pickering was dismissed as	John Marshall
Secretary of State, this person replaced him. Later,	
as a Supreme Court justice, this person wrote "The	
very essence of civil liberty certainly consists in the	
right of every individual to claim the protection of	
the laws whenever he receives an injury." In another	
decision, this person wrote "The power to tax is the	
power to destroy." Those quotations are in this	
person's decisions for Marbury v. Madison and	
McCulloch v. Maryland. Name this longest-serving	
Chief Justice who held the position from 1801 to	
1835.	



Round 4 Extra Section Toss-up Questions

Extra Question #1: Science

10 points

Indirect evidence for the existence of this phenomenon was provided in a 2019 experiment using phonons [FOH-nahnz] in supersonic gases at the Technion ["TECH-knee-on"]. This phenomenon is sometimes named for Yakov Zeldovich in addition to the scientist it is usually named for. Echoes of gravitational waves are being studied to determine whether they provide evidence of the quantum fuzz that would cause this phenomenon. If this phenomenon exists, then so does black hole evaporation. A discovery of white holes would support the existence of this phenomenon. Name this energy from black holes named after a scientist who suffered from ALS.

Hawking radiation [or superradiation or superradiance; prompt on black hole radiation; do not accept or prompt on "black hole(s)"]

Extra Question #2: Literature

10 points

In a novel by this writer, Thomas Greggs is		
cleaning part of the London Zoo and is shocked to		
hear some of the animals talk. This author goes on		
to satirically describe fighting between those		
animals and humans that destroys much of the		
Earth's landmass. In a play by this writer, Radius		
tries to kill all humans. In that play, Helena burns		
a formula that was used by her husband Harry		
Domin [doe-MEEN] to become very powerful.		
Domin manages a company that was started by the		
Rossum family in this author's play that introduced		
the word "robot". Name this author of War with		
the Newts and $R.U.R.$		

Karel <u>Čapek</u> [CHAH-pek]



Round 4 Extra Section Toss-up Questions

Extra Question #3: Fine Arts

10 points

One sculpture by this artist was originally on display at the Salon des Indépendants [sal-awn dez an-deh-pen-dawnt] in Paris, but it was removed because some viewers found it obscene. This artist complained that the sculpture was an abstract depiction of Princess Marie Bonaparte. This sculptor of Princess X made a series of abstract sculptures that the United States insisted should be taxed because they did not qualify as art. In those sculptures, this artist depicted the flight of an animal while giving minimal attention to the animal itself. Name this Romanian sculptor who created Bird in Space.

Constantin **Brâncuş**i [kohn-stahn-TEEN **brin-KOOSH**]

Extra Question #4: Mathematics

10 points

A sphere inscribed in this solid has a radius equal to this solid's edge length times the golden ratio squared divided by the quantity 2 root 3. A combination of two of these solids can be formed using vertices that have one coordinate of 0, one coordinate of plus or minus 1, and another coordinate of plus or minus the golden ratio. This solid has 12 vertices, each of which is the vertex of five of its triangular faces. Name this Platonic solid whose name indicates that it has 20 faces, which is even more faces than a dodecahedron [doh-DEK-uh-HEE-drun].

icosahedron ["eye"-KAH-suh-hee-drun]



Round 4 Extra Section Toss-up Questions

Extra Question #5: Social Studies

10 points

A description of the design of these objects is in chapter 25 of Exodus, ending with the verse, "See that you make them according to the pattern shown you on the mountain." A depiction of this object was originally painted yellow on the Arch of Titus, which shows it as the largest object taken from the Temple in Jerusalem. This object is surrounded by olive branches on the coat of arms of the State of Israel. Two extra branches are on the hanukiah [hah-NOO-kee-AH], which is a version of this object that has one branch raised to be used for the shamash [shah-MAHSH] and which is used during Chanukah. Name this object whose branches hold lamps or candles.

menorah(s) [or menorot;
prompt on candlesticks
before "branches"]



Extra Question #6: Mathematics

10 points per part

Jam	nes Gleick [rhymes with "bike"] wrote a book	
abo	ut the development of this branch of	
mat	hematics.	
1	Name this study of dynamical systems that are	<u>chaos</u> theory
	very sensitive to initial conditions.	
2	Chaos theory is often explained using this	butterfly effect
	"effect" in which an insect flaps its wings,	
	eventually leading to a tornado.	
3	Chaos theory and the butterfly effect are based	Edward (Norton) Lorenz
	on the work of this mathematician and	
	meteorologist, whose namesake system has a	
	solution called his namesake "attractor".	

Extra Question #7: Mathematics

pers named after this person are 1 less than a	
r of 2.	
Identify this 17th-century French	Marin Mersenne [or
mathematician whose namesake numbers are	Marinus <u>Mersennus</u>]
used to find large primes.	
Mersenne primes are also used to find these	perfect numbers
numbers that are equal to the sum of their	
proper divisors.	
Find the perfect number that corresponds to	28
the fact that 7 is a Mersenne prime, according	
to the Euclid-Euler [YOOK-lid OY-lur]	
theorem.	
	Identify this 17th-century French mathematician whose namesake numbers are used to find large primes. Mersenne primes are also used to find these numbers that are equal to the sum of their proper divisors. Find the perfect number that corresponds to the fact that 7 is a Mersenne prime, according to the Euclid-Euler [YOOK-lid OY-lur]



Extra Question #8: Social Studies

10 points per part

This	s person is the only person to be named	
Gen	eral of the Armies of the United States while	
he v	vas still alive.	
1	Name this commander of the American	John J(oseph) Pershing
	Expeditionary Forces during World War I.	[prompt on Black Jack]
2	Pershing mentored and served as the best man	George C(atlett)
	for this person, who was Army Chief of Staff	Marshall (Jr.)
	during World War II and served as President	
	Truman's Secretary of State and Secretary of	
	Defense.	
3	Pershing led American troops during this	Meuse (River) –
	offensive from September 26 to November 11,	Argonne (Forest)
	1918 that ended the war.	offensive [prompt on
		Meuse or Argonne]

Extra Question #9: Social Studies

This	s person has the fourth-most time served in	
the	U.S. Cabinet, which she belonged to from	
1933	3 to 1945.	
1	Name the first female cabinet member.	Frances Perkins [or
		Fannie Coralie Perkins]
2	Frances Perkins held this position, which	Secretary of Labor
	recently has been held by Eugene Scalia	
	[skuh-LEE-uh] and Marty Walsh.	
3	After the National Industrial Recovery Act was	Fair Labor Standards
	declared unconstitutional, Perkins oversaw the	Act of 1938 or FLSA
	implementation of this 1938 law that	
	established a federal minimum wage.	