

ROUND 2

Tossup 1. **The “rebound” type of this property is measured in a scleroscope with a diamond-tipped hammer. The Knoop parameter for this property is calculated by taking “applied load” over “total impression area”. The Rockwell test measures the “indentation” type using a steel or tungsten carbide ball, although a more common test of this property is the (*) Brinell test.** Talc is given a 1 for this property on a scale that measures it by the ability to produce a visible scratch on another material. For 10 points, give this property of minerals to resist deformation which is measured by the Mohs scale.

ANSWER: hardness

Bonus 1. This artist’s work *Drowning Girl* depicts a woman crying in the surf as she expresses her willingness to sink rather than call Brad for help. For 10 points each:

[10] Name this artist whose works emulate comic strips and advertisements, such as his painting *Whaam!*, which shows a fighter pilot launching a rocket.

ANSWER: Roy Lichtenstein

[10] This other Pop Artist made films such as *Empire* and *Sleep* but is better known for his many depictions of *Campbell’s Soup Cans*.

ANSWER: Andy Warhol [or Andrew Warhola]

[10] This predecessor of Pop Art created many “Combines,” including a work that used a taxidermy goat, rubber tire, and tennis ball known as *Monogram*.

ANSWER: Robert Rauschenberg

T2. **The 21st chapter of this novel, in which the protagonist reforms himself, was not kept in American editions. The protagonist rapes the wife of F. Alexander, whose manuscript provides the title of this novel. Dim and Billyboy become police officers and (*) take revenge on their former leader, who is sent to prison after assaulting the “Cat Woman” in this novel. That leader is inadvertently conditioned to dislike classical music with the Ludovico Technique. This novel’s action begins in the Korova Milk Bar.** For 10 points, name this dystopian novel about the Nadsat-speaking, ultraviolet Alex and his “droogs”, by Anthony Burgess.

ANSWER: A Clockwork Orange

B2. This president famously stated that he would keep a dog named “Checkers” on National TV. For 10 points each:

[10] Name this president, under whom US involvement in the Vietnam War ended, and who resigned in wake of the Watergate Scandal.

ANSWER: Richard M. Nixon

[10] Nixon formed this government agency in 1970, which was created to oversee the implementation of such laws as the Clean Air Act and the Clean Water Act.

ANSWER: Environmental Protection Agency

[10] Nixon advocated for this policy, in which power was to be given back to the states from the federal Government. Examples of this policy include letting states oversee school desegregation.

ANSWER: New Federalism

T3. **This website pulled an April Fool's joke on its users by introducing a feature that allows browsing through facial expressions. It is known for satirizing itself by intentionally bracketing the letters 'm' and 'f' in non-sexual post titles and by using phrases such as "upsagans".** (*) Snoo, this website's mascot, is depicted slightly differently on many sub-communities, including one which hosts Q&A sessions known as AMAs. Those sub-communities are referred to by prefixing their names with an r-slash. For 10 points, name this website which is often contrasted with 4chan and Tumblr as a source of memes.

ANSWER: Reddit.com <TC>

B3. For 10 points each, give the following about the structure and function of DNA.

[10] Hershey and Chase inserted radioactive isotopes of sulfur in the phage *protein coat* and of this *other* element in the phage *DNA*. They then sought the element that turned up in infected cultures of bacteria.

ANSWER: phosphorus

[10] These rules, named after a Columbia professor, claim that the % adenine must be equal to the % thymine, and the % guanine must be equal to the % cytosine in DNA. They were confirmed and explained by Watson and Crick.

ANSWER: Chargaff's rules

[10] Chargaff's rules make sense because adenine only binds to thymine and cytosine to guanine in this structure of DNA. Watson and Crick famously discovered DNA has this structure using Rosalind Franklin's data.

ANSWER: double helix [accept word forms]

T4. **A campaign against this man used the slogan "you can vote for [him] anytime", while he himself used the phrase "Shall the People Rule?" He was nominated by Democrats in lieu of president Grover Cleveland in one election; that election saw a campaign run by manager Mark Hanna and was won by** (*) William McKinley. This man was asked to date the Great Flood during his role as counsel for the prosecution of the Scopes Monkey Trial, and his "Cross of Gold" speech established his support of Bimetallism. For 10 points, name this Nebraska politician, a celebrated orator and three-time presidential candidate who advocated for Free Silver.

ANSWER: William Jennings Bryan

B4. This film is so entertaining that its viewers lose interest in everything else. For 10 points each,

[10] Name that film, referred to as "the Samizdat", which stars Joelle Van Dyne. It was created by James Incandenza, and the master copy of it is missing.

ANSWER: Infinite Jest [prompt on "The **Entertainment**"]

[10] D. T. Max wrote *Every Love Story is a Ghost Story*, a biography of this author of *Infinite Jest*, who left the unfinished novel *The Pale King* when he committed suicide in 2008.

ANSWER: David Foster Wallace [accept **DFW**]

[10] David Foster Wallace suffered from this mental illness. Elizabeth Wurtzel wrote about her experience with this mental illness in her autobiography *Prozac Nation*.

ANSWER: depression [accept major depressive disorder]

T5. This effect is described mathematically by coupling two equations: one that sets displacement equal to permittivity times electric field, and Hooke's law. Paul Langevin found the first practical use of this property in his ultrasonic submarine detector. This effect is important for precise controlling of the conducting tip in (*) scanning tunneling microscopy. All crystals which exhibit this property are not centro-symmetric. The Curie brothers discovered this property in Rochelle salts. For 10 points, name this effect in which mechanical stress causes voltage to be produced in a crystal, such as quartz.

ANSWER: piezoelectricity [accept piezoelectric effect]

B5. You do some research and think it would have been really awesome if had Scotland seceded from the UK, because it totally has its own pre-Union history and stuff. For 10 points each:

[10] Scotland was ruled by this royal house for many years before the Union of the Crowns in 1603. Its last uniquely Scottish King, James VI, took the title James I of England.

ANSWER: House of Stuart

[10] One of Scotland's heroes and martyrs is this man, who won the Battle of Stirling Bridge with Andrew Moray but was then executed by Edward Longshanks.

ANSWER: William Wallace

[10] This 1298 defeat was the beginning of the end for Wallace, since his schiltrons were no match for Edward's Welsh longbowmen during the invasion of Scotland.

ANSWER: Battle of Falkirk

T6. This composer included "Blue Lullaby" in his *Three Preludes*. One composition by this composer depicts a tourist listening to the sounds of a French road, and then experiencing pangs of homesickness depicted by a trumpet solo. Another piece by this composer which was premièred by Walter Damrosch was his *Concerto in F*. This composer of *An (*) American in Paris* wrote a work that was inspired by a train ride from New York to Boston which features a clarinet trill followed by a glissando in the first measure. That piece premièred at the concert *An Experiment in Modern Music*. For 10 points, name this composer of *Rhapsody in Blue*.

ANSWER: George Gershwin

B6. For 10 points each, name these Jewish authors given their works.

[10] The protagonist of this man's novel *Herzog* writes many letters but never sends them, and this man began the novel *The Adventures of Augie March* with the line, "I am an American, Chicago born".

ANSWER: Saul Bellow [accept Solomon Bellows]

[10] This author created the recurring character Nathan Zuckermann, while the title character narrates his explicit and perverse sexual obsessions to Dr. Spiegovel in this man's novel *Portnoy's Complaint*.

ANSWER: Philip Roth

[10] The protagonist enjoys painting Crucifixions and learns from the master Jacob Kahn in this man's novel *My Name is Asher Lev*, while Reuven becomes friends with Danny Saunders in this man's novel *The Chosen*.

ANSWER: Chaim Potok

T7. One artist of this movement included the motif of a ladder going into the sky in the left of numerous paintings including *The Harlequin's Carnival*. This movement was described as “psychic automatism in its purest form” in its namesake *Manifesto* by the poet Andre Breton. One work of this movement features a (*) train coming out of a fireplace while another has multiple melting clocks; those works are *Time Transfixed* and *The Persistence of Memory*. For 10 points, name this literary and artistic movement characterized by abstraction and non-sequitur, whose adherents include Rene Magritte and Salvador Dali.

ANSWER: surrealism <FK>

B7. If our star had 8 more solar masses, this event would happen at its death. For 10 points each, [10] Name this astronomical explosion that produces an *extremely* bright and brilliant flash of light at the death of a massive star. It can occur when fusion in the core shuts down due to iron's high binding energy.

ANSWER: supernovae

[10] On the way to becoming a supernova, once a star runs out of hydrogen in its core, it can use the triple-alpha process to fuse three helium atoms into this element.

ANSWER: carbon-12

[10] A white dwarf in a binary system can take a somewhat non-traditional route to become a Type 1a supernova. The white dwarf must accrete enough mass from its neighbor in the system to pass this value.

ANSWER: Chandrasekhar limit [accept 1.4 solar masses]

T8. In this novel, one character asks a doctor where his heart is, but the doctor draws an X over an empty area in his chest so that he cannot kill himself. That character's wife is the daughter of Don Apolinar Moscote and dies of blood poisoning. Fernanda del Carpio is promised she will be Queen of Madagascar, while another character in this novel (*) ascends to heaven folded in a sheet. That character in this novel is the daughter of Santa Sofia de la Piedad, who is hired by Pilar Ternera. Remedios the Beauty and Colonel Aureliano Buendia are characters in, for 10 points, what novel set in Macondo, by Gabriel Garcia Marquez?

ANSWER: One Hundred Years of Solitude [or Cien Años de Soledad]

B8. The author writes that the title phenomena often originate in “ignorant or barbarous nations”. For 10 points each,

[10] Name this section of a larger work that lays out why humans are not 100% reliable in order to use the “principles” of evidence to prove that the title phenomena cannot exist.

ANSWER: “Of Miracles” [generously accept “On Miracles” too, but prevent the further propagation of the error by telling them the right answer]

[10] “Of Miracles” is the tenth section of this larger work which also discusses the missing shade of blue as a possible refutation of the author's theory that all ideas originate from sensation.

ANSWER: An Enquiry Concerning Human Understanding [do NOT accept “An ESSAY Concerning Human Understanding”]

[10] *An Enquiry Concerning Human Understanding* is by this Scottish philosopher, who also wrote *A Treatise on Human Nature* and woke Kant from his “dogmatic slumber”.

ANSWER: David Hume <FK>

T9. This religion's *kalachakra*, or wheel of time, alternates between periods of prosperity and sorrow. This religion encourages a vegetarian diet that excludes garlic and onions. The most important prayer in this religion involves "bowing" to *arahants*, *siddhas*, *acharyas*, *upadhyayas* and *sadhus*, and is called the (*) Namokar mantra. The ascetics of its Digambara, or "sky-clad", sect do not wear clothes. Adherents to this religion believe in 9 Tattvas and 24 Tirthankaras, the last of whom was Mahavira. For 10 points, name this Indian religion which embraces the principle of *ahimsa* or non-violence.

ANSWER: Jainism

B9. This region is currently governed by Hamas. For 10 points each,

[10] Name this region of Palestine or Israel which was invaded during July 2014 by the Israeli military.

ANSWER: Gaza Strip

[10] Israel invaded the Gaza Strip in order to destroy these underground structures into Egypt which were reportedly used to carry out terrorist attacks by Hamas.

ANSWER: tunnels

[10] Israel notably drew international criticism after the shelling of a UN school in this city, which was called "a moral outrage" by UN Secretary General Ban Ki-Moon. The attack killed 10 civilians.

ANSWER: Rafah

T10. One method of diagnosing this condition involves calculating the Reticulocyte Production Index, although it is more common to calculate the mean corpuscular volume, or MCV. An MCV of less than 80 femtoliters indicates the microcytic version of this condition, an example of which is the (*) globin defect thalassemia. Its pernicious form caused by a lack of vitamin B12. A glutamic acid-to-valine mutation causes the sickle-cell type of this condition. Low iron intake is the most prevalent cause of, for 10 points, what disease characterized by a deficiency in hemoglobin or fewer than normal red blood cells?

ANSWER: anemia [accept specific types of anemia, such as pernicious anemia]

B10. Organ banishes his son Damis and signs over all of his worldly possessions to this character. For 10 points each,

[10] Name this play in which the titular impostor tries to seduce Organ's wife Elmire.

ANSWER: Tartuffe, *ou l'Imposteur*

[10] This French playwright of *Tartuffe* wrote about Argan, the titular hypochondriac, who wants his daughter Angelique to marry a doctor so he can always have free service in *The Imaginary Invalid*.

ANSWER: Moliere [accept Jean-Baptiste Poquelin]

[10] This contemporary of Moliere wrote of a love triangle between the title character, Hippolytus and Aricie in *Phedre*. Pyrrhus turns his back on Hermione in favor of the title character in this man's play *Andromaque*.

ANSWER: Jean-Baptiste Racine

T11. The first shots of this battle were fired by the *Fougueux* [foo-GUH], which later was lashed onto the *Temeraire*. One commander in this battle was pressured to advance from Cadiz towards Boulogne [boo-LON-yuh] on the French coast, and unexpectedly met the enemy arranged in two columns, one of which was headed by Cuthbert Collingwood. That commander, Pierre de (*) Villeneuve [veel-NUHV], led a combined Franco-Spanish fleet to assist the planned invasion of Britain. For 10 points, name this battle in which Horatio Nelson stated "England expects every man will do his duty" and crushed a Napoleonic navy in 1805 without losing a single ship.

ANSWER: Battle of Trafalgar

B11. It was called a “pornophony” by a reviewer due to its music mimicking the scandalous movements of its characters. For 10 points each,

[10] Name this opera in which Katerina Izmailova kills multiple people during and after her love affair with the handsome Sergei, and who dies herself while pushing another woman into an icy river.

ANSWER: Lady Macbeth of the Mtsensk District [prompt on Lady Macbeth]

[10] *Lady Macbeth of the Mtsensk District* was composed by this Russian, who also composed the Leningrad Symphony.

ANSWER: Dmitri Shostakovich

[10] This symphony by Shostakovich depicts the massacre of Jewish citizens near Kiev as well as sketches on Anne Frank and the Dreyfus Affair as a renouncement of anti-Semitism.

ANSWER: Symphony No. 13 in B-flat Minor, Babi Yar [accept number or subtitle]

T12. The audience decides which of two endings it prefers in a play from this nation about The Maniac and Inspector Bertozzo. Another novel from this nation is about the conspiracy theory that the Knights Templar will take over the world. In that novel from this nation of (*) *Accidental Death of an Anarchist*, Causabon sees Belbo hanging from Foucault’s pendulum.. The Father tries to sleep with the Stepdaughter in Madame Pace’s brothel in a play from this nation, *Six Characters in Search of an Author*. For 10 points, give this nation home to Dario Fo, Umberto Eco and Luigi Pirandello.

ANSWER: Italy

B12. This process does not occur in isotonic solutions. For 10 points each,

[10] The pressure caused by this phenomenon is modelled by the Morse equation which sets it equal to molarity times the ideal gas constant times temperature times the van’t Hoff factor.

ANSWER: osmosis [accept osmotic pressure]

[10] Osmosis is this process of water over a semi-permeable membrane. In this process, particles move randomly from regions of high concentration to low concentration.

ANSWER: diffusion

[10] This law states that the rate of diffusion is inversely proportional to the square root of molar mass.

ANSWER: Graham’s law

T13. The OsRox mission succeeded in creating an act guaranteeing this nation’s eventual independence, but it was rejected by Manuel Quezon, who lobbied for the Tydings–McDuffie Act instead. José Rival wrote about independence for this country. The American (*) Anti-Imperialist League advocated against President McKinley’s policy of “civiliz[ing]” and “Christianiz[ing]” this nation. Commodore George Dewey originally supplied rebels led by Emilio Aguinaldo in this nation against the Spanish. For 10 points, name this country which was transferred to the US after the Spanish-American War, with capital at Manila.

ANSWER: The Philippines

B13. This god flayed Marsyas after a music contest. For 10 points each,

[10] Name this Greek god of music and prophecy, the twin brother of Artemis who played the lyre.

ANSWER: Apollo

[10] Apollo gave donkey ears to this king who was distraught over Pan’s triumph in a music competition. Dionysus’s gift to this King of Lydia turned into a curse when he couldn’t eat and transformed his daughter.

ANSWER: Midas

[10] Apollo and Artemis were born on this island, because Zeus had cursed Leto to not be able to give birth on firm ground. It contains the site of Mount Cynthos and a temple to Apollo.

ANSWER: Delos

T14. This goddess' handmaidens include one which tends to an ashen box named Fulla. She was accused of having relations with Vili and Ve while her husband was away. This goddess is permitted to sit on Hlidskialf along with her husband, and from her hall at Fensalir, this goddess works on Orion's Belt, known as her (*) "spinning wheel". This goddess was visited by an old woman, who was actually Loki in disguise, and revealed that she could not extract an oath to not harm her son Balder from the lowly Mistletoe, leading to Balder's death. For 10 points, name this goddess of prophecy who never reveals anything, the wife of Odin.

ANSWER: Frigga [do not accept "Freya"]

B14. This man came to power during the Mfecane period and instituted extensive military reform. For 10 points each:

[10] Name this ruler of the Zulu, credited with the creation of the "buffalo horn" formation and "iklwa" spears as an alternative to the longer, javelin-like "assegai".

ANSWER: Shaka Zulu or Shaka kaSenzangakhona

[10] The Zulu kingdom was located in this modern-day nation, which was also the site of the Boer Wars and the Transvaal Republic.

ANSWER: South Africa

[10] Another leader of the Zulu was this man, under whom the battles of Isandlwana and Rorke's Drift were won. He is considered the last king of the independent Zulu.

ANSWER: Cetshwayo kaMpande

T15. Change in refractive index is proportional to the square of this quantity in the Kerr effect, while the splitting of spectral lines by this entity is called the Stark effect. This quantity's curl is equal to the negative partial derivative of magnetic field with respect to time. Electric (*) flux is defined as this quantity times the component of the area perpendicular to it, according to Gauss' law. According to Faraday's Law, magnetic fields can induce these. This quantity for a point-charge is equal to k times charge divided by distance squared by Coloumb's Law. For 10 points, give this vector field measured in Newtons per Coulomb.

ANSWER: Electric field

B15. This character pays George Wickham to marry Lydia. For 10 points each,

[10] Name this character who upsets his aunt Catherine de Bourgh by rejecting her sickly daughter Anne in favor of a woman who is much lower on the social strata, Elizabeth Bennet.

ANSWER: Fitzwilliam Darcy [accept either underlined portion]

[10] Elizabeth Bennett is definitely in love with Darcy after she meets him at his estate, Pemberley, in this novel by Jane Austen where Darcy and Lizzie ultimately get married.

ANSWER: Pride and Prejudice

[10] Before Darcy swoops in, Elizabeth is proposed to by this heir to the Bennett estate. Mr. Bennett applauds Lizzie's rejection of this man, who goes on to marry her friend Charlotte Lucas.

ANSWER: Mr. William Collins

T16. Robert Plutchik's "wheel" of these has 8 primary ones, which are biologically innate and can combine to form more complex ones. Based on his studies of the Fore tribe, Paul Ekman argues for 6 (*) universal ones. One theory claims that arousal and these phenomena arise simultaneously in the thalamus; that Cannon-Bard theory was later refuted by the Two-Factor theory developed by Schachter and Singer. For 10 points, name these phenomena, exemplified by happiness or sorrow, basically synonymous with "feelings".

ANSWER: Emotions [accept feelings until mention]

B16. They include the Six Dances in Bulgarian Rhythm. For 10 points each,
[10] Name this set of 153 progressive piano pieces, arranged into six collections, written to help the composer's son with his lessons.

ANSWER: Mikrokosmos

[10] *Mikrokosmos* is by this Hungarian composer, who also composed such works as the *Miraculous Mandarin* and *Music for Strings, Percussion and Celesta*.

ANSWER: Béla Bartók

[10] This opera, the only one Bartok ever wrote, includes only two singing characters: the title pirate and his wife Judith. It features a very creepy castle with seven locked doors, owned by the title duke.

ANSWER: Duke Bluebeard's Castle [accept variants because of translations]

T17. This man's achievements while in exile include defeating King Eumenes II of Pergamon by notably throwing pots of venomous snakes onto enemy ships. This man's brother died and was defeated en route to help him at the Battle of Metaurus. Evidence suggests that when this man and his armies crossed into the province of Gallia (*) Cisalpina, his army moved within sight of the Matterhorn en route to Rome. For 10 points, name this military commander who won at Cannae and lost to Scipio Africanus at Zama as the Carthaginian commander in the Second Punic War.

ANSWER: Hannibal Barca

B17. The Reynolds' number is inversely proportional to this quantity. For 10 points each,
[10] When this term equals zero, the Navier-Stokes equations simplify to the Euler equations. This quantity measures a fluid's resistance to flow.

ANSWER: viscosity

[10] This force opposes the motion of a body, such as an airplane, travelling through air, and is overcome by the thrust provided by the airplane's engine.

ANSWER: drag

[10] For objects with small Reynolds' numbers, the drag force in a viscous fluid is equal to 6π times particle radius times viscosity times velocity according to this law, named after an English physicist.

ANSWER: Stokes' law

T18. In a play by this author, one character believes he has a "spastic colon", while another is disgusted by the world's "mendacity" and drinks until he hears a "click". A character who was voted "most likely to succeed" in high school is the much-anticipated (*) "gentleman caller", in another play by this man. In that play, Laura gifts Jim a broken unicorn, part of the title collection. One play by him ends with the line "I have always depended on the kindness of strangers". Stanley Kowalski rapes the southern belle, Blanche DuBois in that play. For 10 points, name this playwright of *The Glass Menagerie*, *Cat on a Hot Tin Roof*, and *A Streetcar Named Desire*.

ANSWER: Tennessee Williams

B18. For 10 points each, name some things about early religious figures.

[10] This first son of Adam and Eve was “marked” by God after he murdered his younger brother out of jealousy and then lied about it to Adam, famously asking, “Am I my brother’s keeper?”

ANSWER: Cain [accept Qayin or Qabil]

[10] Cain was employed in this while Abel was a shepherd. After Cain spilled his brother’s blood over the land, God cursed Cain to failure in this profession.

ANSWER: farmer [accept equivalents; accept descriptions like “he cultivated land”]

[10] This third son was bestowed upon Adam and Eve after Abel’s death, when Adam was around 130 years old. Future prophets such as Abraham are found in this son’s line.

ANSWER: Seth [accept Set or Shiyth]

T19. One work by this artist shows a woman wearing a yellow jacket seated at a table with a quill in her hand, while the foreground of another features an Oriental rug draped over a table and black-and-white diamond tiles. A long-haired man in a blue robe holds a compass and looks towards a window in his (*) *The Geographer*. This painter may have used camera obscura to paint a landscape of his hometown along the river Schie, but he is perhaps more famous for a painting that depicts a woman with a blue turban wearing the title white piece of jewelry. For 10 points, name this Dutch painter of *Girl With a Pearl Earring* and *View of Delft*.

ANSWER: Johannes Vermeer [first work is *A Lady Writing*, second is *The Music Lesson*] <TB>

B19. Answer the following about a guy with a Big Stick: metaphorically speaking, that is. For 10 points each:

[10] Name this US president whose use of Big Stick Diplomacy led to such events as the circumnavigation of the Great White Fleet and the completion of the Panama Canal.

ANSWER: Theodore Roosevelt [accept “Teddy Roosevelt”, prompt on “Roosevelt”]

[10] Big Stick Diplomacy is often compared to this European ideology, where policies are made with consideration to power or practical factors, and not necessarily to ethical or moral factors. It was used heavily by Bismarck.

ANSWER: Realpolitik

[10] Roosevelt’s successor, William Howard Taft, first used “Dollar diplomacy” by attempting to buy bonds in this Central American country after this country ran up huge debts with the British. It was later the eastern country in the Soccer War.

ANSWER: Honduras

20. This nation engaged its smaller neighbor during the Konfrontasi because this nation felt threatened by the union of Sarawak with other overseas territories. This nation’s government forced some of its citizens to migrate to places such as (*) Sulawesi and Kalimantan in order to populate it. This country’s capital after it gained independence was Yogyakarta. This country’s first vice-president was Mohammed Hatta, and its first leader established a “guided democracy” from a city previously named Batavia on the island of Java. For 10 points, name this country which was led by the Sukarno, declared independence from the Dutch, and has its capital at Jakarta.

ANSWER: Republic of Indonesia

20. You are very, very cold. For 10 points each,

[10] You are located on this southern continent, which is technically considered a desert due to little precipitation and has minimal vegetation. On this continent is the South pole.

ANSWER: Antarctica

[10] Antarctica is covered in large shelves of ice, the largest being this ice shelf, previously named the Victoria Barrier before being renamed after the Captain who discovered it.

ANSWER: Ross Ice Shelf.

[10] Antarctica contains multiple active volcanos, the southernmost being this active stratovolcano, site of the Air New Zealand Flight 901 crash, named after the Greek god of darkness.

ANSWER: Mt. Erebus <SM>

TB. The Monoceros Ring wraps around this galaxy three times. Dwarf galaxies around this galaxy are being experimented on to find conclusive evidence of dark matter. The Great Debate between Shapley and Curtis was over the size and shape of this galaxy. Sagittarius (*) A* ["A-star"] is an intense radio source at the center of this galaxy which is visible from Baade's Window and probably contains a supermassive black hole. In three billion years, this galaxy is expected to collide with the nearest galaxy to it, Andromeda. For 10 points, name this spiral galaxy in the Local group which contains our Solar System.

ANSWER: the Milky way galaxy