1. The original ones were made of birch plywood and until the late 90 's they were made of Vermont maple. The ones used in competition are usually made of smooth plastic to discourage the cheating practice called "brailing". One hundred of these pieces are found in an American set, whose distribution was computed by studying such sources as the New York Times and Saturday Evening Post. FTP identify these board game pieces of which $2 \%$ are blank, $42 \%$ are vowels, and $1 \%$ are X's.

## SCRABBLE TILES

2. This body of water is divided into a North portion, which has an average depth of 50 meters; and a South portion, which has an average depth of 5 meters. More than 500 rivers flow into the lake and the Seta River flows out of the Southern portion. Its name comes from its shape, which resembles a type of lute; and the region around the lake is known as "The Eight Scenic Views of Omi". FTP name this lake, located in the Shiga Prefecture, that is the largest freshwater lake in Japan.

## LAKE BIWA OR BIWA-KO

3. It was discovered by Harry Kroto, Richard Smalley, and Robert Curl when they tried to mimic the high temperatures experienced in red giant starts. That team of chemists went on to win the Nobel Prize in Chemistry for their discovery. These molecules can spin 100 million times per second and may have such future applications as a lubricant, a super-duper superconductor, or a way to carry an atom. FTP identify this allotrope, which usually has sixty atoms of carbon per molecule.

## BUCKYBALL OR BUCKMINSTERFULLERENE OR FULLERENE

4. It details how the author was wooed with the Abba song "Take a Chance on Me" and how her father's aviation business produced a chance meeting with her future husband. In the beginning of the book, the author tells how she was a part of the first freshman class at Princeton to accept women. The book later details meetings with Arafat and Saddam Hussein and ends with her husband's death by cancer. FTP identify this memoir written by Lisa Halaby, who is better known as Queen Noor.
5. She suffered from a serious illness at the age of five, which left her with a lifelong limp. She went to college in Zurich, where she studied law and political economy. During this time she became one of the leaders of the Social Democratic Party of the Kingdom of Poland and Lithuania. She later went on to form the Spartacus League with Karl Liebknecht, an organization that later became the German Communist Party. FTP identify this woman, who was murdered by German soldiers in 1919, and has a name reminiscent of a European country.

## ROSA LUXEMBURG

6. Part of the translation of this goes "See how the clouds melt away from the face of the sky when the sun shines, its brightness beaming; just as a widow, discarding her black robes, shows all her beauty in brilliance gleaming. So, to work now! Lift up your hammers! Who turns the gypsy's day from gloom to brightest sunshine". This part of Giuseppe Verdi's Il Trovatore depicts the hard working gypsy women to the clanging of the titular object. FTP identify this chorus that can be performed by a blacksmith.

## ANVIL CHORUS

7. He is supposedly the son of Cush and great-grandson of Noah. After the great Flood, he became King of Babylon and Southern Mesopotamia and he is also said to be the founder of Nineveh. Known as a warrior and a hunter, in some traditions he was the builder of the Tower of Babel. FTP "you idiot" identify this biblical character.

## NIMROD

8. She was influenced by the author W. O. Snodgrass, and her poetry often exhibited a simple nursery rhyme type meter. A 1966 Pulitzer Prize winner, her poetry dealt with taboo topics like madness and religious faith. Her last work published in her lifetime was The Death Notebooks. FTP who was this author, that after numerous suicide attempts, eventually took her own life at the age of 46 .

## ANNE SEXTON

9. This word has its origin rooted in medieval times when it was used to refer to slitlike openings in castle walls created for archers to shoot their arrows through. These slits were just wide enough to allow a small human to squeeze through, thus getting past what was a seemingly impenetrable wall. The word is now applied to mean a way to get around a law. FTP identify this word, which also is meant to signify a way to get a lower tax bill.

## LOOPHOLE

10. It revolved around John Slidell and James M. Mason, who first headed to Havana on the blockade-runner "Theodora". They were then transferred to a British merchant vessel. The ship was intercepted by the sloop-of-war "San Jacinto", and Captain Charles Wilkes captured the two men. This caused Great Britain to get angry with the U.S. for meddling in its negotiations with the confederacy. FTP name this historical "affair".

## TRENT AFFAIR

11. He posited a universe of Democritean atoms and void and argued against superstition and the fear of death. Not many of his works have survived intact, but through what his biographer Diogenes Laertius was able to save, we know he wanted people to rely on their senses. His school, referred to as "the Garden", advocated that freedom from pain is the highest good. FTP name this philosopher whose name has been corrupted in adjective form to refer to one devoted to seeking sensual'pleasures.

## EPICURUS

12. He actually sang bass for Journey on the album Raised on Radio and actually went with the band on the subsequent tour. He has also toured and performed with *NSYNC, Madonna, and Elton John. He also worked for eight years as V.P. of A \& R at Columbia Records and four years as Senior V.P. of A \& R at MCA Records. You probably would not have heard of him from those musical pursuits, but you do know him from the current TV show he is a part of. FTP, come on dawg and identify this judge on American Idol.

## RANDY JACKSON

13. Its first "crew" contained the doctor Roy Walford, who advocated a low-calorie diet as the means to a long life. This diet was applied to the other crewmembers leaving them hungry and on edge during the two years. Also crewmembers were nearly suffocated because the structure's concrete walls absorbed so much oxygen that oxygen levels dropped to $14.5 \%$. Nineteen of the twenty-five species of vertebrates became extinct and "crazy ants" took over the structure. FTP the preceding describes the failures of the first extensive experiment involving what 3.15-acre Arizona greenhouse?

## BIOSPHERE 2

14. Seven police officers broke into a Cleveland home supposedly looking for a suspect wanted in a recent bombing. They also claimed that the house contained gambling paraphernalia. They found no evidence to support their claims, but they did find obscene literature and arrested the house's owner. The Supreme Court case that resulted from the incident held that evidence obtained in an illegal
search cannot be used as evidence in a state court. FTP identify this 1961 Supreme Court case that did not involve Rand-McNally.

## MAPP V. OHIO

15. Elements of this genre are present in such works as Petronius's Satyricon and Apuleuis's The Golden Ass. It started to become an established genre when La vida de Lazarillo de Tormes was published in the $16^{\text {th }}$ century. In general, works of the genre are a series of loosely connected episodes with a protagonist that can be thought of as an anti-hero. FTP name this term, which comes from the Spanish for "rogue" and is used to describe such works as Huckleberry Finn and Moll Flanders.

## PICARESOUE

:
16. Recently, this country had a new rebel group kill 75 soldiers and briefly capture an airport in its region of Darfur. The long war in this country may be dying down as a ceasefire for the Nuba Mountain region had been reached between the government and the southern rebel group SPLA. Also the country's President Omar Bashir wants to reach peace, so that he can have American companies take part in pumping the nation's oil reserves. FTP these events are taking place in what large African country?

## SUDAN

17. Its only town is Hanga Roa, which consists of 2,000 people. It also contains the volcanic crater called Rano Raraku, which was the main source of the material for the well-known moai that dot the landscape. This 63 square mile island is over 2,000 miles from the mainland. FTP identify this island known as Rapa Nui and owned by Chile.

## EASTER ISLAND (ACCEPT: RAPA NUI ON EARLY BUZZ)

18. It takes place on the planet Glorf where a janitor named Meeper works at the Ale-E-Inn. He tries to warn the establishment of an incoming invasion. The cute titular characters end up saving the day. This movie short was originally created to test Sony's Imageworks software and never meant for widespread distribution. FTP name this animated short film that won an Oscar at the $75^{\text {th }}$ Annual Academy Awards.

## THE CHUBBCHUBBS

19. This civilization's greatest period was under the Mermnad dynasty, which lasted form its foundation by Gyges in 700 B.C. until 546 B.C. Their region stretched from the Halys River to the Aegean and the capital, Sardis served as a major trading center. The people were non-Greek and spoke an Indo-European
language that researchers do not totally understand. FTP name this civilization known for making musical instruments and for being the first ones to use coined money.

## LYDIANS

20. It can be classified into various types depending on how fast it reaches the bloodstream, its peak time, and how long it lasts in the body. Lispro is categorized as rapid-acting since it reaches the blood in 15 minutes and lasts five hours, while the long-acting ultralente takes six to fourteen hours to start working and lasts fourteen to twenty hours. It is usually injected into the body, because if taken orally it would be broken up during digestion and never reach the blood. FTP identify this hormone that most humans have produced by beta cells in the islets of Langerhans.

## IASULIN

21. He was born in Chatillon-sur-Marrie, France and was originally called Odo of Lagery. In his mid-twenties, he became a monk at Cluny and later became the Cardinal Bishop of Ostia. He assisted Pope Gregory VII and when he later became pope, he faced opposition from Holy Roman Emperor Henry IV and antipope Clement III. FTP identify this pope who called for Christians to take back the Holy Land from the Turks, thus starting the First Crusade.

## POPE URBANII

22. This area of the Antarloka contains asuras and is sometimes divided into seven regions called tala. These regions correspond to the seven lower charkas, and examples include Tamisra, which is the realm of confused thinking, and Kudmala, which is the region of consciencelessness. Souls confined to this area are not punished for eternity; they only reside long enough to be cleansed before the next incarnation. FTP what is the name given to hell in Hinduism?

## NARAKA

23. He was originally going to be an architect, but after attending Haarlem's School for Architecture and Decorative Arts for a week, he decided to go into art. After graduating, he spent his time traveling throughout Italy sketching various scenes; some of which became the basis of such woodcuts as "Puddle" and "Pineta of Calvi". A trip to Spain's Alhambra led him to focus his artwork on division of the plane. FTP identify this Dutch-born artist and creator of the works "Ascending and Descending" and "Metamorphosis II".
24. The character mentioned in this novel's title is found to have disappeared on Christmas Day, after a severe storm hit the day before. Suspects of the possible crime include the orphan Neville Landless and the victim's uncle John Jasper. Either way we don't end up knowing what really happens, since the novel ends with the appearance of the mysterious Dick Datchery to the town of Cloisterham. FTP this describes what unfinished Charles Dickens novel?

## THE MYSTERY OF EDWIN DROOD

25. Its importance is shown by the thalidomide tragedy, as one form was an effective sedative while the other form resulted in malformations in babies. This property is possessed by Enantiomers, which behave the same in chemical reactions, but have different effects on polarized light. The term comes from the Greek for "hand", because a person's left and right hands also exhibit the property. FTP what is this term used for molecules that are asymmetric, have the same chemical formula, but aremirror images of each other.

## CHIRALITY

26. Capaneus was struck down from a scaling ladder by Zeus; Amphiaraus was swallowed by the earth; Tydeus could have been saved by Athene but she was offended by him eating the brains of an enemy; Parthenopaeus, Hippomedon, and Polynices all end up dying as well; Adrastus was the only one who survived because he was saved by his horse Arion. FTP the preceding details the fates of what septet, which was the subject of works by Seneca, Euripides and Aeschylus?

## SEVEN AGAINST THEBES

27. He studied under Kay Fisher and Steen Eiler Rasmussen at the Academy of Arts in Copenhagen. His style is said to incorporate elements from the architecture of Erik Gunnar Asplund, Alvar Aalto, and Frank Lloyd Wright. Recently he was named the winner of the 2003 Pritzker Architecture Prize, mainly for his design of a building meant to replicate the sails of a boat. FTP identify this architect of the Sydney Opera House.

## JORN UTZON

28. She served on a foreign-policy committee with Michael Eisner and Warren Christopher and hosted a fundraiser for L.A. mayor Richard Riordan's failed bid for governor. She had affairs with her FBI handler James Smith and William Cleveland Jr., who heard her voice on a telephone conversation with a Chinese intelligence officer. FTP name this accused spy.with the code name "Parlor Maid", though to be a modern-day version of Mata Hari.

Rob Long
2003 Kidder Cup
Bonuses

1. Entertainment Weekly just published a list of the 50 top cult movies. For ten points each identify these movies that made the list.
A. This black-and-white movie follows a stripper named Varla and her two sidekicks as they go on a murder spree through the desert. The movie title has more exclamation points than the subject line of some spam e-mail messages.

## FASTER, PUSSYCAT! KILL! KILL!

B. "Rowdy",'Roddy Piper possesses a pair of sunglasses that allow him to see that aliens have invaded the populous. The movie contains the line "I have come here to chew bubble gum and kick ass... I'm all out of bubble gum".

## THEY LIVE

C. In this film, a mild-mannered health club worker jumps out a window and falls into bubbling green radioactive waste and turns into a gross-looking crime fighter. Marisa Tomei has an uncredited role as someone wearing a towel who runs away from the title character.

THE TOXIC AVENGER
2. Here's something earth shaking, literally. For the stated number of points answer the following concerning earthquakes.
A. 5 pts. This is the term used for the point on the Earth's surface that is directly above the earthquake's focus.

## EPICENTER

B. 10 pts. These waves, which are produced by earthquakes, are also called shear waves. Unlike compression waves, these waves cannot travel through liquids.

## $\underline{S}$ WAVES OR SECONDARY WAVES

C. 15 pts. This is the name of the discontinuity that is a transition zone between the lithosphere and the asthenosphere. This is where P waves slow down in velocity and $S$ waves disappear altogether. If you think you are getting an easy 15 points, the answer is NOT Mohorovicic Discontinuity.

## GUTENBERG DISCONTINUITY

3. For the stated number of points, answer the following on governors that are not faring too well in popularity polls.
A. 5 pts. Republican Congressman Darrell Issa has announced that he will help fund a recall drive to get this governor out of office. This California governor was once very popular, but in a recent Field Poll his approval rating was a meager $24 \%$.

## GRAY DAVIS

B. 10 pts. Rising Medicaid costs in this state has forced Republican Governor Mike Huckabee to propose a tax raise.

## ARKANSAS

C. 15 pts. Democrat Gary Locke pledged to be this state's "education Governor". In reality, he had tens of thousands of teachers protesting the state capitol, because he was planning to deny them any pay increases.

## WASHINGTON

4. You are being handed two sheets of paper with excerpts from various foreign language dictionaries. For ten points each, pick three of the four and tell what foreign language they are. Please indicate your answers using the letters. You have twenty seconds.
A. FINNISH
B. WELSH
C. THAI
D. INDONESLAN
5. For fifteen points apiece, identify the William Faulkner works described. If you need a secondary hint for the work's title, you'll earn ten points.
A. 15 pts. This book contains a series of interrelated stories that revolve around detective Gavin Stevens. One of the stories is entitled "Monk", which deals with an idiot "yho is falsely imprisoned and ends up killing the warden.

10 pts. The work's title could refer to a move your "horsy" might make in the game of chess.

## KNIGHT'S GAMBIT

B. 15 pts. In this first book of a trilogy, Flem Snopes becomes part owner of Will Varner's store and marries Eula Varner.

10 pts. This book was written about 339 years after a well-known Shakespeare play.

## THE HAMLET

6. Tell me what decade each of the following lists of subjects in the "Celebrate the Century" stamp series belong to for ten points apiece.
A. Armory show, Federal Reserve System, and Grand Canyon National Park

1910's
B. Lasers, Barbie Doll, and Integrated circuit

1960's
C. Abstract expressionism, Slinky craze begins, and International style of architecture

1940's



Boms 8
pase $28^{\circ}$
7. For fifteen points apiece, answer these questions on the president who once spanked Grandpa Simpson on two non-consecutive occasions, Grover Cleveland.
A. President Cleveland successfully got Congress to repeal this act passed by Benjamin Harrison. Cleveland felt that the act was depleting gold reserves. The debate created a split in the Democratic Party between eastern "goldbugs" and the silver wing of the West.

## SHERMAN SILVER PURCHASE ACT

B. One of the major crises during the Cleveland administration was the Pullman Strike of 1894. This attorney General of Cleveland's suggested he get an injunction against the strikers and send federal troops to Illinois.

RICHARD OLNEY
4
8. You are being handed two sheets of paper with five paintings on them. Pick two of the five and for the amount of points shown, tell me what artist painted that' work. Please use the letters provided, you have 15 seconds.
A. 15 pts. THOMAS COLE
B. 15 pts. JOHANN FUSELI
C. 5 pts. GEORGES SEURAT
D. 10 pts. GEORGE WESLEY BELLOWS
E. 10 pts. REMBRANDT
9. 30-20-10 identify the deity.

30 pts. She was saved form the evil Ereshkigal by the hermaphroditic creature named Asushu-Namir.

20 pts. She is noted for her love of Tammuz and was also known by the names Astarte and Ashtoreth.

10 pts. She was the Babylonian goddess of love and war, but not the goddess of movie flops.

## ISHTAR (ACCEPT: $\underline{\text { ASTARTE }}, \underline{\text { ASHTORETH, OR }} \underline{\text { ATHTAR }})$

10. You are being given the flags of three countries. For ten points each tell me what country they belong to. When giving your answer please note the letter. You have 15 seconds.
A. BHUTAN
B. PAKISTAN
C. KENYA
11. On a 5-5-10-10 basis, what color will these acid-base indicators be in the presence of an acid?
A. 5 pts. Red cabbage juice
B. 5 pts. Methyl orange
C. 10 pts. Phenolphthalein
D. 10 pts. Bromthymol blue

## PINK OR RED <br> RED <br> COLORLESS <br> YELLOW

12. A. This opera was based on a Prosper Merimee novella and had as its librettists Ludovic Halevy and Henri Meilhac. When the opera premiered in Paris in 1875, it was booed off the stage. First, FTP name this opera.

## CARMEN

B. This guardsman, who loves Carmen, eventually ends up killing her. For five points name him.

## DON JOSE

C. In Act II, Carmen is being courted by three men at Lillas Pastia's tavern. One of them was Don Jose, who were the other two? One of them was a bullfighter while the other was a lieutenant. You'll get five points for one and fifteen points for naming both.

## ESCAMILLO AND ZUNIGA

13. For ten points each, name the well-known novels from the following first lines...
A. "Except for the Marabar Caves - and they are twenty miles off - the city of Chandrapore presents nothing extraordinary".

## A PASSAGE TO INDIA

B. "The boy with fair hair lowered himself down the last few feet of rock and began to pick his way towards the lagoon."

## LORD OF THE FLIES

C. "A few miles south of Soledad, the Salinas River drops in close to the hillside bank and runs deep and green".

30 pts. His father was a Roman soldier and his mother was a Spaniard. He served as governor of Upper Germany and was unexpectedly adopted by Nerva.

20 pts. While Roman Emperor, he continued Nerva's public assistance program for farmers and orphans called alimenta. During his reign, he waged wars against Dacia and Parthia.

10 pts. He was well liked and became known as "optimus princeps". When he died in 117, his nephew Hadrian took over as emperor.

5 pts. A column was built in Rome in his honor.
\% MARCUS ULPIUS TRAIANUS OR TRAJAN
15. A. This company was co-founded by a Russian émigré named Sergey Brin and a Michigan engineer named Larry E. Page. Its 2003 revenues are estimated to reach $\$ 700$ million, which is pretty good considering it went live in September 1999. First for ten points name this company.

## GOOGLE

B. This man is now the chief executive of Google. He used to be the chief technology officer at Sun Microsystems and chief executive of Novell.

## ERIC SCHMIDT

C. This rival of Google is suing the company for patent infringement; because they claim Google stole the idea for the Adwords service from them.

## OVERTURE

16. One advantage to sampling classical music in a song is that you probably do not have to pay any royalties. For ten points apiece answer the following.
A. On the Nas song "I Can", this Beethoven ṣong is sampled.

## FUR ELISE

B. This song, which was a number two hit for Eric Carmen and was later remade by Celine Dion, uses the melody from Rachmaninov's "Piano Concerto No. 2".

## ALL BY MYSELF

C. This 1967 hit, which uses a Hammond organ, is based on a melody from Bach's Sleepers Awake.

## A WHITER SHADE OF PALE

17. You won't have to remember what color pill to take or put up with the acting of Keanu Reeves in order to answer these ten point questions on the matrix (the one used in linear algebra that is).
A. What matrix do you get when you multiply a matrix with the matrix's inverse?

## IDENTITY MATRIX

\%
B. This term can refer to the number of pivots a matrix has in row reduced echelon form or the number of linearly independent vectors in the matrix.

## RANK

C. This term can be applied to all matrices that either have all zeroes below the main diagonal or all zeroes above the main diagonal.

## TRIANGULAR MATRIX

18. For fifteen points apiece identify these Maxwell Anderson plays.
A. This collaboration with Laurence Stallings centers on Captain Flagg and Sergeant Quirt as they view for the affections of a French girl.

## WHAT PRICE GLORY?

B. Based on the Sacco-Vanzetti case, this verse drama deals with Mio, who is the son of an Italian radical falsely executed for murder. In his quest for revenge, Mio falls in love with Miriamne.

## WINTERSET

19. For ten points each, given the stages of development give the name of the psychologist whose theory those stages belong to.
A. "Sensorimotor Stage" lasts from birth to 2 years, "Preoperational Stage" goes from 2 to 7 years, "concrete operational stage" is 7 to 12 years, and "Formal operational stage" is from 13 years of age until adulthood.

## JEAN PLAGET

B. "Trust versus mistrust" is from birth to 18 months, "Autonomy vs. shame" lasts from $11 / 2$ to 3 years, "Initiative vs. guilt" goes from 3 to 6 years, and "Industry vs. inferiority" is from ages 6 to 12.

## ERIK ERIKSON

C. His stages refer to how one makes moral decisions and are labeled "Preconventional stage", "Conventional stage", and "Post-conventional stage".

## LAWRENCE KOHLBERG

20. Given the governmental service, tell what Cabinet department they are a part of for ten points each.
A. National Oceanic and Atmospheric Administration or NOAA for short COMMERCE DEPARTMENT
B. Forest Service

## DEPARTMENT OF AGRICULTURE

C. Government National Mortgage Association

## HOUSING AND URBAN DEVELOPMENT OR

 HUD21. For ten points apiece identify these concepts associated with Islam.
A. Meaning path, this word refers to the divine classification of human acts, with those classifications being obligatory, recommended, neutral, reprehensible, and forbidden.

## SHARIA

B. This term beginning with the letter " $H$ " refers to Islamic traditions. One such example is saying the call to prayer in an infant's right ear.

## HADITH

C. Though not mention in the Qur'an, this act is called khitan. Sometimes it is known as tahara, which means purification.

## CIRCUMCISION

22. I will list four historical events and you must put them in chronological order. If you get them in the correct order you will get 15 points, if you put two out the four in the correct place you will get 10 points.
A. Catherine the Great becomes czarina of Russia; Vitus Bering discovers Alaska; John Zenger is acquitted of libel; James Watt invents the steam engine

JOHN ZENGER (1735), VITUS BERING (1740), CATHERINE THE GREAT (1762), JAMES WATT (1765)
B. A hurricane kills over 6,000 in Galveston, Texas; Wright brothers fly their plane at Kitty Hawk; Sino-Japanese War begins; Haymarket Square
... bombing occurs in Chicago
HAYMARKET SOUARE (1886), SINO-JAPANESE WAR (1894), GALVESTON (1900), WRIGHT BROTHERS (1903)
23. Tell me who composed the following musical works on a $5-5-10-10$ basis.
A. 5 pts. Tales of the Vienna Woods
B. 5 pts. La Mer
C. 10 pts. The ballet, Agon
D. 10 pts. The opera, Atalanta

JOHANN STRAUSS CLAUDE DEBUSSY
IGOR STRAVINSKY
GEORGE FRIDERIC HANDEL
24. If the horse Funny Cide wins the Belmont Stakes, that will be the first Triple Crown winner in over twenty years. For five points each name the last six horses to win the Triple Crown.

## AFFIRMED, SEATTLE SLEW, SECRETARIAT, CITATION, ASSAULT, AND COUNT FLEET

25. For ten points each, to what order do the following insects belong to?
A. Damselfly

ODONATA
B. Locust ORTHOPTERA
C. Firefly

COLEOPTERA
26. For ten points each identify each of the following ballet terms.
A. This common ballet term refers to having your knees bent with your legs turned out.

## PLIE

B. This is where one leg is stretched straight out to the back and one arm is stretched out in front.

## ARABESOUE

C. This is a jump where one leg is thrown to the side.

## JETE

27. A. First for ten points, the hero of this novel is the offspring of Cedric the Saxon. He later ends up marrying Rowena.

## IVANHOE <br> 's

B. Next for ten points, Ivanhoe rejects this daughter of Isaac the Jew for Rowena, this despite her possessing more charm than Rowena.

## REBECCA

C. For a final ten, this historical figure under the guise of the Black Knight appears in the novel.

RICHARD THE LION HEART OR RICHARD I

drawing room $n$ parlwr $m$.
dread $n$ arswyd $m$. $v$ arswydo, dychryn.
dreadful adj arswydus, erchyll.
dream $n$ breuddwyd $m / f$. $v$ breuddwydio.
dreary adj diflas.
dress $v$ gwisgo. ${ }^{\bullet} n$ gwisg, ffrog $f$. dressy adj trwsiadus. drift $v$ drifftio; lluwchio. drill $n$ dril $m, v$ tyllu. drink $\nu$ yfed. $\cdot n$ diod $f$. drinker $n$ yfwr, llymeitiwr $m$. drlp $v$ diferu. $\cdot n$ diferyn $m$. drlve $v$ gyrru.
dilver $n$ gyrrwt $m$, gyrwraig $f$. driving licence $n$ trwydded yrru $f$. drizzle $v$ glaw mân $f$. drop $n$ dafn $m$. * $v$ cwympo, gollwng. drought $n$ sychder, sychdwr $m$. drown $v$ boddi. drowsiness $n$ syrthni $m$. drug $n$ cyffur $m . v$ drygio. drum $n$ drwm $m$. drunk adj meddw. drunkard $n$ meddwyn $m$. drunkenness $n$ medd-dod $m$.
dry adj sych. • v sychu. dryness $n$ sychder, crasder $m$. dual adj deuol. dub $v$ urddo; trosleisio. due adj dyladwy. duel $n$ gornest, cyfranc $f$. dull adj twp; afloyw, pwl. dumb adj mud. dump $n$ tomen $f$. dupllcate $v$ dyblygu. dupllelty $n$ dichell $f$. durablilty $n$ gwydnwch, gwytnwch a durable adj gwydn, parhaol. duration $n$ parhad $m$. during prep yn ystod, trwy gydo! dusk $n$ cyfnos, gwyll $m$. dust $n$ llwch $m$. $v$ v tynnu llwch. dutiful adj ufudd. duty $n$ dyletswydd $f$. dwarf $n$ corrach $m$, coraches f. dwell $v$ preswylio, trigo. dwelling $n$ anheddle $m$, preswylla ${ }^{\circ}$ dyé v llifo, lliwio. * $n$ llifyn, lliwu: 』 dyling adj yn marw, bron a marw. dynamic adj deinamig, egniol. dynasty $n$ Ilinach $f$.

E
each pron pob.
eager adj awyddus.
eagerness $n$ awydd, awch $m$.
eagle $n$ eryr $m$. ear $n$ clust $f$. early adj cynnar. earn $v$ ennill. earnest adj o ddifrif, taer. earthi $n$ daear $f$. earthquake $n$ daeargryn $m / f$. ease $v$ lleddfu, esmwytho. eastness $n$ rhwyddineb $m$. east $n$ dwyrain $m$.
eastern adj dwyreiniol. easy adj rhwydd, hawdd; esmwyth eat $v$ bwyta. ebb $v$ treio.
eccentric adj ecsentrig, od. eccentricity $n$ hynodrwydd, odrwpd m.
echo $n$ adlais $m$, atsain $f$. ecllpse $n$ diffyg, eclips $m$. ecology $n$ ecoleg $f$. economlc adj economaidd. economlse $v$ cynilo. economist $n$ economydd, econorms



SR1 LAOKA



