

*Knowledge  
Master*

**Knowledge Bowl Practice Questions**

**Northwest ESD**

**2010**

# Knowledge Bowl Practice Questions Page 1

## 1. European Rivers

What European river flows from Germany through Vienna, Austria?

Danube

## 2. British Epithets

After Mary Tudor became queen, she was known as Bloody Mary because of her relentless persecution of what group of Englishmen?

Protestants

## 3. Wars

In what war that began in 1853 did Russia fight Turkey and other nations including Britain and France?

Crimean War

## 4. Civil Unrest

In 1992, news of the acquittal of all four defendants in the Rodney King beating sparked riots that killed more than fifty people in what city?

Los Angeles

## 5. Neutralization

In the process of neutralization, what reacts with a base to form a salt and water?

an acid

## 6. Thermodynamics

What law of thermodynamics states it is impossible to cool a body to absolute zero, because to do so would require the presence of a still colder body?

third law

## 7. Sensation

Equilibrioception is commonly called the sense of ...

balance

## 8. Colonial Legislation

The first law passed in the New World that explicitly provided for freedom of worship was passed in Maryland. It was a measure known either as the Act Concerning Religion or as the ...

Toleration Act

## 9. Direct Variation

What is the constant of proportionality if y varies directly as x, and  $y = 10$  when  $x = 7$ ?

10/7 (or 1.42857)

## 10. Modals

Name the three modal auxiliaries that begin with the letter "m."

may, must, might

## Knowledge Bowl Practice Questions Page 2

### 11. Art History

William Blake was so annoyed by the elegant portraits produced by many English painters in the 18th century that he referred to what famous artist as Sir Sloshua?

Joshua Reynolds

### 12. Seas

What sea is between Azerbaijan and Turkmenistan?

Caspian Sea

### 13. Cosmic Rays

Nearly 90% of the cosmic rays entering Earth's atmosphere consist of what subatomic particles?

protons

### 14. Massacres

In the Mystic massacre of 1637, perhaps as many as 700 people of what Connecticut tribe were slaughtered by the English and other Native American allies?

Pequot

### 15. Canadian Parks

Wood Buffalo National Park, Canada's largest park, is mainly located in which western province?

Alberta

### 16. Last Words

This is a translation of the last words by what European emperor?  
France, army, Josephine

Napoleon (Napoleon Bonaparte)

### 17. Novels

What novel begins with a gifted young athlete being seriously wounded by a deranged woman obsessed with the thought of shooting the country's best baseball player?

The Natural

### 18. Solids

What is the only Platonic solid with no parallel faces?

tetrahedron

### 19. Psychological Disorders

An involuntary, habitual, repetitive, nonrhythmic convulsive motion of certain muscles such as eye twitching, muscle tensing, blinking, or grimacing is called a ...

tic

### 20. House Members

As of 2008, in addition to the 435 members of the House of Representatives from the states, there were also the Resident Commissioner of Puerto Rico and four other nonvoting delegates representing the District of Columbia, American Samoa, Guam and what islands?

the Virgin Islands

## Knowledge Bowl Practice Questions Page 3

### 21. Erosion

What type of stream erosion occurs when a stream channel narrows, the water pressure decreases as its velocity increases, and bubbles form and collapse to cause shock waves that help disintegrate the channel walls?

cavitation

### 22. Frustrated Ambitions

To whom do the pronouns refer in this?  
Hamilton had thwarted his intense ambitions twice, first in 1800 when Hamilton influenced the House of Representatives to choose Thomas Jefferson as president, and again in 1804 when his run for the New York governorship was hindered by Hamilton's statements about his character.

Aaron Burr

### 23. European Peoples

What ancient people were named for the region they settled on the Italian Peninsula called Etruria?

Etruscans

### 24. Philanthropists

Among many others, John Jacob Astor supported Edgar Allan Poe and what famous ornithologist known for his paintings?

John J. Audubon

### 25. Roman Reformers

What was the last name of two Roman brothers whose plans to redistribute Roman lands to farmers and the middle class so upset the Senate that they were killed?

Gracchus (the Gracchi)

### 26. Exiles

In an attempt to further weaken Russia in World War I, Germany allowed what influential revolutionary to return to Russia from his exile in Switzerland?

Lenin

### 27. North American Winds

A Tehuantepecer is a violent wind from north in the Gulf of Tehuantepec that originates in what adjacent larger gulf?

Gulf of Mexico

### 28. Novels

What is the usual translation of the title of this novel by Vicente Blasco Ibanez?  
Los cuatro jinetes del apocalipsis

The Four Horsemen of the Apocalypse

### 29. Lighting

What type of lighting uses materials that absorb the energy from ultraviolet light and emit the energy as visible light?

fluorescent lighting

### 30. Mineral Deposits

Minerals that collect in what kind of alluvial deposits must be dense, chemically inert, and resistant to weathering?

placer deposits (placers)

## Knowledge Bowl Practice Questions Page 4

### 31. Body Disorders

What organs cease to function in acute renal failure?

kidneys

### 32. The Earth's Magnetism

When rocks exhibit the same magnetism as the present magnetic field, they have normal polarity, but when they exhibit the opposite magnetism, they are said to have what kind of polarity?

reverse polarity

### 33. Averages

What is the average of all of the integers from 19 to 41?

30

### 34. Maritime Poems

What ship is celebrated in the Oliver Wendell Holmes poem from which this was taken?

Her deck, once red with heroes' blood,  
Where knelt the vanquished foe,  
When winds were hurrying o'er the flood,  
And waves were white blow

U.S.S. Constitution (Old Ironsides)

### 35. Fallacies

What fallacy is illustrated in this statement?

Begging the question is a fallacious form of argument. Therefore, to beg the question is to argue fallaciously.

begging the question (circular reasoning)

### 36. Body System Junctions

Name the region of highly excitable muscle tissue that lies just past the tip of a motor nerve.

end plate

### 37. Wars

What two 19th-century wars pitted the British against the Orange Free State and the South African Republic?

Boer Wars

### 38. Plate Tectonics

What kind of junction that split Africa from South America is also splitting Africa from Arabia?

triple junction

### 39. Malpractice

In most states, medical malpractice suits must be filed within four years of the alleged offense. Such a rule establishing a time frame within which legal recourse may be pursued is called a ...

statute of limitations

### 40. Invocations

This is from the invocation of the Muse at the beginning of what work?

Sing, O Goddess, the ruinous wrath of Achilles,  
Son of Peleus, the terrible curse that brought  
Unnumbered woes upon the Achaeans  
and hurled  
To Hades so many heroic souls.

The Iliad

## Knowledge Bowl Practice Questions Page 5

### 41. Dystopian Agencies

In "1984," Winston Smith works in what ministry that rewrites history to fit current party doctrine?

Ministry of Truth (Minitrue)

### 42. Settings

What country is the setting for these stories?

Midnight's Children  
The Far Pavilions  
The Raj Quartet

India

### 43. Pyroclasts

Lapilli are walnut-sized pyroclasts while pea-sized pyroclasts are called ...

cinders

### 44. Invasions

Just a week after Germany and the Soviet Union signed a nonaggression pact, the Nazis invaded what Eastern European country?

Poland

### 45. Density and Mass

If a petroleum product has a density of .90 grams per cc, the mass of 2 liters of this product is how many kilograms?

1.8 kilograms

### 46. Missing Links

Archaeopteryx is a fossil that links reptiles to what other class of vertebrates?

birds

### 47. Fossils

The "stomach stones" found in the body cavities of many fossilized reptiles such as plesiosaurs are known as what kind of "liths"?

gastroliths

### 48. Political Philosophy

Thomas Hobbes wrote that without a central government, that the lives of people in the natural state would be "solitary, poor, nasty, brutish, and ..."

short

### 49. Borrowed Words

English borrowed these words from what language?  
confetti, fiasco, regatta

Italian

### 50. Making It Real

What adjective indicates a real-time computer simulation involving the user?

virtual

## Knowledge Bowl Practice Questions Page 6

### 51. Tributes

Complete this line by Edwin Stanton as he stood by Abraham Lincoln's deathbed.  
Now he belongs to the ...

### 56. Muscles

When muscles have names such as abductors, pronators, flexors, and extensors, they are named according to their ...

### 52. Collisions

Objects stick together in what kind of perfect collisions?

ages

function

### 57. Allied Victories

In 1943, American and British forces pushed what German field marshal out of North Africa?

### 53. Mathematicians

What is the most famous poem written by the 12th-century Persian who is also credited with laying the foundations for the binomial theorem in mathematics?

inelastic collisions

Erwin Rommel (Desert Fox)

### 58. Federal Agencies

What agency of the U.S. government manages national lakeshores, national scenic trails, national memorials, national preserves, national seashores, and national monuments?

### 54. Island Bases

What Mariana island was the base for the aircraft that carried atomic bombs to Japan in World War II?

Rubaiyat

National Park Service

### 59. The Schnozolla

The shape of the human nose is largely determined by the nasal septum and what bone?

### 55. Homonyms

Spell the term for "one who will inherit" that is a homonym for a verb meaning "to make a mistake".

Tinian

ethmoid bone

### 60. Wars

In the Aroostook War, what became the first and only U.S. state ever to declare war on a foreign power?

heir

Maine

## Knowledge Bowl Practice Questions Page 7

### 61. Dinosaurs

What bipedal, carnivorous dinosaur whose name means something like "speedy seizer" had a sharp, three-inch, retractable sickle-shaped claw on each hindfoot?

velociraptor

### 62. Anthropology

Two hominids that once existed at the same time were the Neanderthals and the ...

Cro-Magnons

### 63. European Wars

The Spanish Civil War was largely a conflict between the forces of fascism and those supporting what other political philosophy?

socialism

### 64. Continental Formation

Europe formed from which of the two main parts of Pangaea when it split during the late Mesozoic?

Laurasia

### 65. Speleothems

In caves, the hollow, elongated, generally translucent tubes of calcite representing the earliest growth of stalactites are called ...

(soda) straws

### 66. Tournaments

In a single-elimination chess tournament involving 43 players, how many matches must be held to determine a winner?

42

### 67. Historical Poetry

This is from a poem by Walt Whitman about what frigate of the American Revolution?

We have not struck, he composedly cried,  
We have just begun our part of the fighting.

Bonhomme Richard

### 68. Presidents

This is about what 20th-century president?

Ninety minutes after he was proclaimed president without a word of dissent, he appeared on a balcony at the old Cape Town City Hall and gazed across a delirious throng toward the bay where he spent more than a third of his adult life on an island prison.

Nelson Mandela

### 69. Colonies that Did Not Make It

Vandalia was a proposed colony south of the Ohio River in what is now mainly West Virginia and the eastern part of what state?

Kentucky

### 70. Judicial Opinions

What word is missing in this quote by Justice William Brennan in 1957 in the Roth v. United States case?

We hold that ---- is not within the area of constitutionally protected speech or press.

obscenity



## Knowledge Bowl Practice Questions Page 8

### 71. Phase Shift

What is the phase shift of this function?  
 $f(x) = 4 \sin(x - \pi)$

pi

### 72. European Peninsulas

What peninsula which is mostly occupied by a Scandinavian country is also partly occupied by Germany?

Jutland Peninsula

### 73. Horrendous Happenings

This 2008 newspaper excerpt describes an ongoing campaign of authoritarian brutality in what country?  
The Mugabe government has extinguished any chance for a fair and free runoff vote with its crackdown on the opposition.

Zimbabwe

### 74. Canada

The British North American Act was signed in 1867 by what queen?

Queen Victoria

### 75. Historic Peninsulas

Around the year 1000, Leif Ericson's expedition landed at Helluland, which is probably Baffin Island, and at Markland, now believed to be the eastern coast of what large Canadian peninsula?

Labrador Peninsula

### 76. Formula Mass

Since the atomic mass of sodium is 22.99 and the atomic mass of sulfur is 32.07, what is the formula mass of sodium sulfide?

78.05

### 77. Hinky Pinkies

What is a hinky pinky for someone who herds big spotted cats?

leopard shepherd

### 78. Flight

What type of flight used by many birds of prey and migrating insects depends on columns of warm rising air called thermals?

soaring

### 79. Silly Science Fiction

The poet in this passage is what kind of being?  
During a recitation by their poet master, Grunthos the Flatulent, of his poem, "Ode to a Small Lump of Green Putty I Found in My Armpit One Midsummer Morning," four of his his audience died of internal hemorrhaging...

Vogon

### 80. Ores

What ore forms residual deposits in tropical regions through the weathering of rocks high in alumina?

bauxite

## Knowledge Bowl Practice Questions Page 9

### 81. Meteorological Conditions

What low-visibility condition occurs during blizzards, when heavy ground fog exists in a snow-covered region, or even when diffuse light over a snowpacked area makes it impossible to tell where surface features end and the sky begins?

whiteout

### 82. Volcanic Activity

Name either of the principal gases emitted from fumaroles.

carbon dioxide, steam

### 83. Glands

The pancreas is a mixed gland because it has both endocrine and ---- functions.

exocrine

### 84. Autoantonyms

What noun that means an advantage in golf may also indicate a physical or mental disability?

handicap

### 85. Architecture

What kind of major architectural structures are found at these sites?

Lamanai in Belize  
Tazumal in El Salvador  
Aguateca in Guatemala  
Copan in Honduras  
Teotihuacan in Mexico

pyramids

### 86. Hard Times in the Colonies

During the "starving time" in the winter of 1609 and 1610, desperation drove survivors in what Virginia colony to resort to cannibalism?

Jamestown

### 87. Earth's Interior

What area of the Earth's interior above the core forms 83 percent of the planet's volume and 67 percent of its mass?

mantle

### 88. Wartime Slogans

What World War II slogan regarding seagoing vessels had the same general sense as this slogan also used at the time?

Careless talk costs lives.

Loose lips sink ships.

### 89. Light

What effect proves the particle behavior of light?

photoelectric effect

### 90. Forebears

The most recent ancestral form or species from which two different species evolved is known as what kind of ancestor?

common ancestor

## Knowledge Bowl Practice Questions Page 10

**91. Phyla**

This is about what phylum?

In contrast to the usual definition as being simple unicellular organisms, none are simple, some are not unicellular, and all contain, usually within a single cell, facilities for performing all of the body functions for which a vertebrate possesses many organ systems.

Protozoa (protozoan)

**92. Railroads**

Between 1895 and 1901, the British colonial government built a railway from Mombasa, on the coast of Kenya, to the shores of what lake?

Lake Victoria

**93. Battles**

The World War II Battle of Arnhem took place in what country?

Netherlands (Holland)

**94. Verbs**

Many modal verbs often cannot be used in which two simple tenses?

past, future

**95. Heads Up!**

The part of the skull that protects the brain is called the ...

cranium (braincase, brainpan)

**96. Parallel Structure**

What word completes this statement by Franklin Roosevelt?

The only sure bulwark of continuing liberty is a government strong enough to protect the interests of the people, and a people strong enough and well enough informed to maintain its sovereign control over the ...

government

**97. Heartfelt Expressions**

What expression including the word "heart" means "to regret deeply and painfully"?

eat your heart out

**98. The Ocean Floor**

What can be said about the comparative ages of ocean basin crustal material as it is sampled farther and farther away from mid-ocean ridges?

It is progressively older. (or equivalent)

**99. Symbiosis**

What symbiotic relationship exists between arboreal orchids and the trees upon which they grow?

commensalism

**100. Thoreau**

Henry Thoreau was jailed for not paying his taxes to a government that permitted slavery. When Ralph Waldo Emerson visited him in his cell, what was Thoreau's response when Emerson asked him, "Why are you in jail?"

Why are you not?

# Knowledge Bowl Practice Questions Page 11

## 101. Heat

How much heat, in calories, is needed to raise 10 grams of water from 5 to 15 degrees Celsius?

## 106. Gulfs

What gulf is southwest of the Zagros Mountains of Iran?

100

Persian Gulf

## 102. Victorian Verse

What is the last line in this verse by Browning?

The year's at the spring  
And day's at the morn;  
Morning's at seven;  
The hillside's dew-pearled;  
The lark's on the wing;  
The snail's on the thorn:  
God's in his heaven

All's right with the world

## 107. Newspaper Articles

This is from an article about an incident near what city?

No bodies. No bulbous heads. No secret autopsies. No spaceship. No extraterrestrials or alien artifacts of any sort. No government cover-up. The Air Force yesterday made public its latest report on the famous 1947 incident in the New Mexico desert.

Roswell

## 103. Hydrometeors

Name any form of hydrometeors that are formed and suspended in air.

clouds, fog, mist

## 108. Clauses

These sentences illustrate what kind of clauses in which something is missing?

My dog is taller than I.  
Please return my call as soon as possible.  
When younger, Tom was a river guide.  
We know our garden is better than theirs.

elliptical clauses

## 104. Poems

These are excerpts from an anthology of poems by whom?

"I ended up with a broken fiddle and a broken laugh, and a thousand memories and not a single regret." - Fiddler Jones  
"Following the flag, till I fell with a scream, shot through the guts. Now there's a flag over me in Spoon River!" - Harry Wilmans

Edgar Lee Masters

## 109. Metal Modification

The application of what increases metal's ductility?

heat

## 105. Debate

In debate, a carefully prepared outline of main points or issues, including the evidence to support each point, is called a ...

## 110. Relative Bearings

For relative bearings, every 45 degrees is divided into four points. This means a ship 2 points off the starboard bow would be how many degrees to the right of the navigator's bow?

## Knowledge Bowl Practice Questions Page 12

### 111. **Trilogies**

What three different nouns, other than the central character's name, appear in the titles of the original Robert Ludlum trilogy about Jason Bourne?

### 116. **Efflorescence**

Efflorescent substances lose to the air their water of ...

Identity, Supremacy, Ultimatum

### 112. **Etymology**

The Normans introduced into the English language the French words "boeuf," "mouton," "veau," "porc," and "poularde," which became beef, mutton, veal, pork, and ...

crystallization

### 117. **Rejection!**

What king rejected the Olive Branch Petition?

poultry

### 113. **Elections**

In U.S. presidential elections, what is the name for a list of brief summaries of a candidate's positions that is used for speeches?

George III

### 118. **Covenants**

The agreement by a third party to pay a sum of money if a defendant fails to appear in court is called a ...

talking points

### 114. **Pun Puns**

With a word that sounds like a type of gratuity, complete this statement by a punster.

A pun is its own ...

bail bond

### 119. **Shakespearean Allusions**

This passage from "Julius Caesar" alludes to an ancient statue on what Greek island?

Why man, he doth bstride the narrow world  
Like a Colossus, and we petty men  
Walk under his huge legs and peep about  
To find ourselves dishonorable graves.

reword

### 115. **Medical Examinations**

A conference about a patient by two or more physicians is called a ...

Rhodes

### 120. **Survival Stories**

"Tulku" is a story about survival after a Boxer massacre at a Christian mission in what country?

consultation

China

## Knowledge Bowl Practice Questions Page 13

### 121. Human Rights

A phrase in what amendment to the U.S. Constitution is similar in intent to these?

- No one shall be subjected to torture or to cruel, inhuman or degrading treatment (from the U.N. Universal Declaration of Human Rights)
- No one shall be subjected to inhuman or degrading treatment or punishment (from the European Convention on Human Rights)

8th Amendment

### 122. Hues and Blues

Three years of melancholy and work mainly in shades of blue came to be known as the "blue period" of what Spanish painter?

Pablo Picasso

### 123. Revolutionary Painters

These are works of what American artist and member of the Continental Army?

- The Death of General Warren at the Battle of Bunker Hill
- The Death of General Montgomery in the Attack on Quebec
- The Surrender of Cornwallis at Yorktown
- Declaration of Independence

John Trumbull

### 124. Maritime Punishment

Herman Melville's "Billy Budd" mentions what form of corporal punishment in which an offending sailor is tied to a rope and dragged beneath a ship from one side to the other?

keelhauling

### 125. National Divisions

Name the main territorial divisions in Switzerland.

cantons

### 126. Arboreal Poetry

What kind of tree is prominent in Longfellow's poem, "The Village Blacksmith"?

chestnut

### 127. Volcanic Ejecta

Thin strands of volcanic glass sometimes form by the stretching or blowing-out of molten basaltic glass from lava. Named after the Hawaiian goddess of volcanoes, these strands are known as whose hair?

Pele's

### 128. British Poetry

What word is missing from this verse by Robert Herrick?

- Gather ye ---- while ye may,
- Old Time is still a-flying,
- And this same flower that smiles today,
- Tomorrow will be dying.

rosebuds

### 129. The Ocean Floor

The Sunda Trench in the northeastern Indian Ocean is also known by what other name due to its proximity to a major Indonesian island?

Java Trench

### 130. Angles

A coterminal angle for any angle may be obtained by adding or subtracting how many degrees?

## Knowledge Bowl Practice Questions Page 14

### 131. Peaks

These are among the highest peaks in what mountain chain?

Killington Peak, Mt. Washington, Camel's Hump,  
Mt. Lafayette, Mt. Mansfield, Mount Katahdin

Appalachians

### 132. Novels

What novel by Ernest Hemingway is set in Italy and Switzerland during the First World War?

A Farewell to Arms

### 133. Glaciers

What kind of glacial deposit forms the dams that hold back the water in cirques?

moraines

### 134. Dutch Colonists

What valley was at the heart of the New Netherland colony?

Hudson Valley

### 135. Medical Milestones

Until Walter Reed's research came to fruition, what disease had prevented the building of a canal through Central America?

yellow fever

### 136. Phobia Roots

Someone who is apiophobic is irrationally afraid of what?

bees

### 137. Assaults on the Constitution

Congress rejected Franklin Roosevelt's plan to appoint additional Supreme Court justices more sympathetic to his policies on the grounds that such a move would endanger what fundamental aspect of the U.S. Constitution?

separation of powers (checks and balances)

### 138. Revolutionary Battles

When George Washington amassed Henry Knox's artillery on Dorchester Heights, it forced William Howe's troops to evacuate what city?

Boston

### 139. Attempted Murders

In Maryland in 1972, George Wallace was paralyzed when what itinerant worker tried to assassinate him?

Arthur Bremer

### 140. Political Factions

These are major political parties in what country?  
National Action Party  
Party of the Democratic Revolution  
Institutional Revolutionary Party

Mexico

## Knowledge Bowl Practice Questions Page 15

**141. Borrowed Words**

These words came into English from what language?  
tornado, mosquito, embargo, armadillo

Spanish

**142. Modified Music**

New lyrics for what English folk tune are in "Home in the Meadow" in the film, "How the West Was Won" and in the church song, "What Child Is This"?

Greensleeves

**143. Teeth**

People have four of them, two in the upper jaw and two in the lower. Name these pointy, conical teeth between the incisors and first bicuspids.

canines

**144. Mideast Conflicts**

Religious wars in Persia between the Sunnis and what other branch of Islam date back to at least the early 1500s?

Shiites

**145. Halogens**

The names of what two halogens begin with a vowel?

astatine, iodine

**146. African Independence**

In 1954, Algerian guerrillas began fighting against colonial troops from what European country?

France

**147. Art History**

What form of art was produced when Dadaists pasted to a surface various pieces of box tops, bus tickets, price tags, maps, advertisements, trademark images, and cellophane wrappers to portray aspects of everyday life?

collage

**148. Mass Murders**

After Spartacus' revolt was suppressed in 71 B.C., some 6,000 recaptured slaves were crucified on miles of crosses along Rome's main highway called the ...

Appian Way

**149. Generals**

In 1964, General William Westmoreland was named to head the MACV, which stood for the Military Assistance Command ...

Vietnam

**150. Fictitious Authors**

Who, according to Kurt Vonnegut, is the author of "Venus on the Halfshell"?

Kilgore Trout



## Knowledge Bowl Practice Questions Page 16

### 151. Song Parodies

This is a parody of what Rogers and Hammerstein song?

Well, I hate liver, Yes, I hate liver  
I do not like it, Yeah, I just hate it  
I don't like liver, and I hate the smell of it too!  
Now, I like 'tatoes, and I like burgers  
Oh, I like spinach, though I don't admit it  
And I like grauten, if it's not rotten, and stew.

Old Man River

### 152. Characterization

This is from what novel?

Within a nature like Claggart's, surcharged with energy as such natures almost invariably are, what recourse is left to it but to recoil upon itself and, like the scorpion for which the Creator alone is responsible, act out to the end the part allotted it.

Billy Budd

### 153. Vehicular Infractions

Name the offense in which a driver responsible for a collision leaves the scene of the accident before providing any identification?

hit and run

### 154. Word Analysis

In relation to the alphabet, what is highly unusual about the words "facetious" and "abstemious"?

all the vowels appear in alphabetical order

### 155. Africa

The coast what country extends from Mozambique to Namibia?

South Africa

### 156. Metalworking

The reddish stain that appears on copper alloys resulting from a chemical reaction of oxygen and copper at high temperature is called ...

firescale (firestain)

### 157. Brain Anatomy

On what part of the brain would you find the middle frontal gyrus, the fornicate gyrus, the transverse temporal gyrus, and the superior temporal gyrus?

cerebral cortex

### 158. Mountains

What mountain range is southeast of Casablanca and Rabat?

Atlas Mountains

### 159. Hemorrhage

Subconjunctival hemorrhage occurs in what organ?

eye

### 160. Short Stories

These are lines from what Stephen Crane tale?  
-"Bail her, cook," said the captain, serenely.  
-"A little more north, sir," said the oiler.  
-The correspondent, pulling at the other oar, watched the waves and wondered why he was there.

The Open Boat

## Knowledge Bowl Practice Questions Page 17

### 161. Imperialism

At the end of the 19th century, Spain's remaining overseas possessions included a few regions in Africa, the Canary Islands, Cuba, Puerto Rico, Guam, and what expansive archipelago in the western Pacific?

Philippines

### 162. Tree Resources

The major use of chicle latex is in the production of what consumer good?

chewing gum

### 163. Depth Perception

When you drive down a road, the apparent relative motion of stationary objects against their more remote backgrounds gives hints about their relative distance from you. This monocular cue for depth perception is called ...

parallax (or motion parallax)

### 164. Reformers

After the death of Francisco Franco, Spain adopted many democratic reforms thanks to his successor named ...

(King) Juan Carlos

### 165. Oxides

The oxides of nonmetals are either neutral or ...

acidic

### 166. Short Stories

Name the tale by Robert Louis Stevenson from which this line was taken.

Man is not truly one, but truly two.

Dr. Jekyll and Mr. Hyde

### 167. Alliances

In 1882, Germany, Austria-Hungary, and Italy signed a secret treaty known as what alliance?

Triple Alliance

### 168. Epitaphs

This was written in what year?

Adams and Jefferson are no more, and we are assembled to bear our part in these manifestations of respect and gratitude which pervade the whole land.

1826

### 169. Tooth Deposits

What is the name for calcified deposits on teeth?

calculus (tartar)

### 170. Phages

What life form is host to a bacteriophage?

bacterium (bacteria)

## Knowledge Bowl Practice Questions Page 18

**171. Captives**

The Taliban and al-Qaeda fighters held at Guantanamo Bay are not prisoners of war but, instead, have come to be called unlawful ...

combatants (enemy combatants)

**172. The Atmosphere**

The outermost portion of the atmosphere is called the ...

exosphere

**173. Punishment**

What form of capital punishment was Erskine Childers facing when he said this to his executioners?

Take a step or two forward, lads - it'll be easier that way.

firing squad

**174. Paintings**

A set of identical prints of a painting issued at one time is called an ...

edition

**175. The French Revolution**

Name the executive body of the French First Republic that consisted of five directors nominated by the Council of Five Hundred and chosen by the Council of Ancients.

Directory

**176. Provocative Flights**

Suspected as being a cover for long-range missile development, what Asian nation launched a rocket claimed to be carrying a communications satellite in 2009?

North Korea

**177. Algebraic Inequalities**

Solve this inequality.

$$2x + 5 < 7$$

$x < 1$

**178. Massive Projects**

In 1954, the U.S. joined with Canada to build what system of canals and locks that allows ocean-going ships to reach Great Lakes ports?

St. Lawrence Seaway

**179. Lipids**

What fatty acids consist of chains of carbon atoms containing at least one double chemical bond that links to two neighboring carbon atoms?

unsaturated

**180. Sensation**

What sensation is indicated by the adjective, haptic?

touch (tactile sense)

## Knowledge Bowl Practice Questions Page 19

**181. Completing the Square**

X squared - 8X + 16 equals the square of what?

**186. Fishing Combinations**

Sarah has 8 lures, 6 reels, and 4 rods. How many hours can she fish without using the same combination of lure, reel, and rod if her dad hands her a different setup every five minutes?

X - 4

16

**182. Spending Watchdogs**

Founded in 1984, CAGW is a private, nonpartisan organization with the mission of reducing the mismanagement and squandering of funds at the federal level. For what do these initials stand?

**187. State Geography**

Name the largest river that flows through the state in which Wind Cave and Badlands National Parks are located.

Citizens Against Government Waste

Missouri River

**183. Congressional Committee**

What standing committee of the House of Representatives oversees tax measures?

**188. State Legislation**

The governor of what state signed a bill in 2009 that said a personal firearm, a firearm accessory, or ammunition that is manufactured commercially or privately in his state and that remains within the borders of his state is not subject to federal law or federal regulation?

Way and Means Committee

Montana

**184. Personality Antonyms**

What is the antonym of extroverted?

**189. Imaging**

What is sometimes called 3D photography?

introverted

holography

**185. Colorful Characters**

The Gilded Age financier and philanthropist who was famous for his huge appetite and his collection of precious jewels was Diamond Jim ...

**190. Natural Antiseptics**

One source of honey's healing properties is an enzyme from the bees' laryngeal glands that combines with glucose and oxygen to form what disinfectant, antiseptic, and oxidizing agent consisting of two atoms of hydrogen and two atoms of oxygen?

Brady

hydrogen peroxide

## Knowledge Bowl Practice Questions Page 20

### 191. Functions

Given  $f(x) = x^2 + 2x - 1$ , find  $f(-5)$ .

14

### 192. Queens

When Mary Tudor resorted to persecution of Protestants to reestablish the Roman Church in England, she earned what epithet?

Bloody Mary

### 193. Personal Positions

What one-time U.S. vice president gained his reputation by repeatedly speaking out for slavery and states' rights in the Senate?

John C. Calhoun

### 194. Consecutive Integers

What is the sum of two consecutive numbers if their product is 1056?

65

### 195. Surgical Techniques

What surgical term means to provide an alternate or additional route for blood flow?

bypass

### 196. Offenses

In this verse, Lord Byron describes what practice?  
'Tis pleasant purchasing our fellow-creatures;  
And all are to be sold, if you consider their  
passions, and are dext'rous; some by features  
Are brought up, others by a warlike leader;  
Some by a place--as tend their years or  
natures; The most by ready cash--but all  
have prices, from crowns to kicks, according  
to their vices.

bribery

### 197. Numbers

The product of any given integer and all smaller integers is called a ...

factorial

### 198. Molecular Weight

Given that a molecule of glucose contains 6 atoms of carbon, 12 atoms of hydrogen, and 6 atoms of oxygen, what is its molecular weight?

180

### 199. Wars

These are central names in what European war?  
Henry V, Edward III, House of Valois,  
House of Plantagenet, Joan of Arc

Hundred Years' War

### 200. Canadian Independence

The British North America Act of 1867 made Canada a self-governing land within the British Empire called a ...

dominion

## Knowledge Bowl Practice Questions Page 21

### 201. Animal Behaviors

Male elk and deer become sexually active and aggressive during a period prior to mating called the rut

### 202. Allusions

In one story, Sherlock Holmes refers to whom as "his Boswell"?

### 203. Symbols

From a legal perspective, symbols such as the Nike swoosh, the McDonald's arches, or Rolls Royce's "RR" are examples of trademarks

### 204. Islands

What is the largest island in the immediate vicinity of the Seychelles, Mauritius, and the Comoros?

### 205. Traditions

What is the English translation of this annual holiday in Mexico?  
El Dia de los Muertos

### 206. Short Stories

What tale by Stephen Vincent Benet has a title and theme reminiscent of "The Devil and Tom Walker" by Washington Irving?

### 207. Airplane Downings

In 1983, the Soviet Union shot down a Korean passenger plane killing all 269 aboard when it strayed over what big island north of Hokkaido and west of the Sea of Okhotsk?

### 208. Clauses

What is the dependent clause in this line by Voltaire?  
Those who can make you believe absurdities can make you commit atrocities.

### 209. British Legislation

The British North America Act of 1867 created the Dominion of Canada uniting New Brunswick, Nova Scotia, Quebec, and Ontario

### 210. Shrub Plantings

A line of closely-planted shrubs at the edge of a field is called what kind of row?  
hedgerow