

## ACROSS

1: blood cells that engulf and digest bacteria and fungi; an important part of the body's defense system

4: tall New Zealand timber tree

8: drought-tolerant herb grown for forage and for its seed which yield a gum used as a thickening agent or sizing material

12: capital city of the Apulia region on the Adriatic coast

13: large African antelope with long straight nearly upright horns

14: attach or become attached to a stem word

16: deciduous or evergreen shrubs and shrubby trees of temperate and subtropical North America, South Africa, eastern Asia and northeastern Australia; usually limited to nonpoisonous sumacs (see genus *Toxicodendron*)

17: powdery starch from certain \_\_\_\_ palms; used in Asia as a food thickener and textile stiffener

18: a small being, human in form, playful and having magical powers

19: the longest division of geological time

20: one-thousandth of an equivalent

21: a terrorist group formed in the 1980s in Sierra Leone; seeks to overthrow the government and gain control of the diamond producing regions; responsible for attacks on civilians and children, widespread torture and murder and using children to commit atrocities; sponsored by the president of Liberia

23: a portion of something divided into shares

24: English author whose work used such techniques as stream of consciousness and the interior monologue; prominent member of the Bloomsbury Group (1882-1941)

26: corn

28: East Indian tree bearing a profusion of intense vermilion velvet-textured blooms and yielding a yellow dye

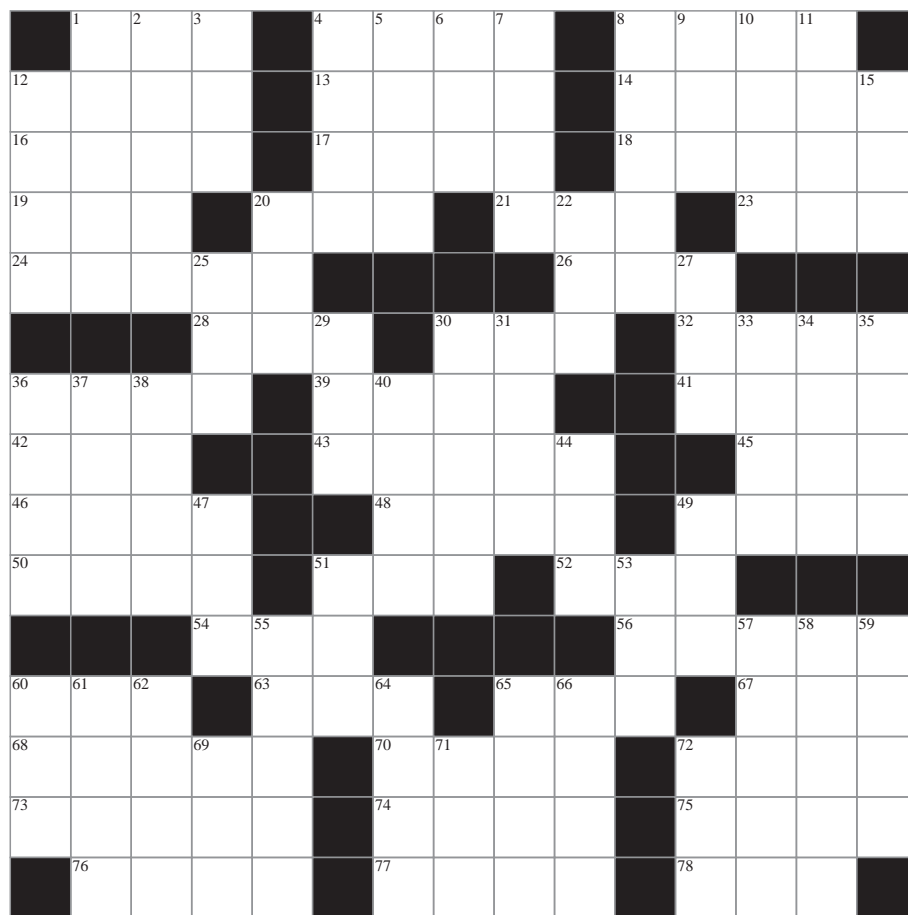
30: the fourth caliph of Islam who is considered to be the first caliph by Shiites; he was a cousin and son-in-law of Muhammad; after his assassination Islam was divided into Shiite and Sunnite sects

32: a colloidal extract of algae; used especially in culture media and as a gelling agent in foods

36: lock up or confine, in or as in a jail

39: lacking a sense of restraint or responsibility

41: a rare chronic progressive encephalitis caused by the measles virus and occurring primarily in children and young adults; death usually occurs within three years; characterized by primary measles infection before the age of two years



42: Czechoslovakian religious reformer who anticipated the Reformation; he questioned the infallibility of the Catholic Church was excommunicated (1409) for attacking the corruption of the clergy; he was burned at the stake (1372-1415)

43: northern Atlantic sea poacher

45: small markers inserted into a surface to mark scores or define locations etc.

46: the elapsed time it takes for a signal to travel from Earth to a spacecraft (or other body) and back to the starting point

48: any of a group of antidepressant drugs that inhibit the action of monoamine oxidase in the brain and so allow monoamines to accumulate

49: the United Nations agency concerned with civil aviation

50: any substance that can be metabolized by an animal to give energy and build tissue

51: the starting place for each hole on a golf course

52: a computer that is running software that allows users to leave messages and access information of general interest

54: (Norse mythology) god of war and strife and son of Odin; identified with Anglo-Saxon Tiu

56: treated with oil

60: the seventh and last day of the week; observed as the Sabbath by Jews and some Christians

63: a port in southwestern Scotland

65: an infection of the sebaceous gland of the eyelid

67: European aquatic salamander with permanent external gills that lives in caves

68: (microbiology) an infectious protein particle similar to a virus but lacking nucleic acid; thought to be the agent responsible for scrapie and other degenerative diseases of the nervous system

70: a slender double-reed instrument; a woodwind with a conical bore and a double-reed mouthpiece

72: a German courtesy title or form of address for an adult woman

73: a ruling on a point of Islamic law that is given by a recognized authority

74: large lipoproteins rich in triglycerides; \_\_\_\_s circulate through the blood giving up their triglycerides to fat and muscle tissue until the \_\_\_\_ remnants are modified and converted into LDL

75: street names for marijuana

76: a furnace for firing or burning or drying such things as porcelain or bricks  
77: and others ('et al.' is used as an abbreviation of 'et alii' (masculine plural) or 'et aliae' (feminine plural) or 'et alia' (neuter plural) when referring to a number of people)  
78: a diploma given for vocational training that prepares the student for a career in a particular area; good students may progress to a course leading to a degree

## DOWN

1: large fast-moving predacious food and game fish; found worldwide  
2: Italian philosopher who used Copernican principles to develop a pantheistic monistic philosophy; condemned for heresy by the Inquisition and burned at the stake (1548-1600)  
3: an alliance made up of states that had been Soviet Socialist Republics in the Soviet Union prior to its dissolution in Dec 1991  
4: of something having a dusty purplish pink color  
5: a republic in the Middle East in western Asia; the ancient civilization of Mesopotamia was in the area now known as \_\_\_\_  
6: one ten thousandth of a centner  
7: (legal terminology) the Latin word for wife  
8: a socially awkward or tactless act  
9: a city in the European part of Russia  
10: more than one but indefinitely small in number  
11: a radical terrorist group that broke away in 1997 when the mainstream Provisional IRA proposed a cease-fire; has continued terrorist activities in opposition to any peace agreement  
12: drink made by steeping and boiling and fermenting rather than distilling  
15: (genetics) abnormal complement of sex hormones in a male who has two Y chromosomes  
20: a master's degree in fine arts  
22: a type of submachine gun that is designed and manufactured in Israel  
25: a lipoprotein that transports cholesterol in the blood; composed of moderate amount of protein and a large amount of cholesterol; high levels are thought to be associated with increased risk of coronary heart disease and atherosclerosis  
27: an associate degree in applied science  
29: be asleep  
30: primitive chlorophyll-containing mainly aquatic eukaryotic organisms lacking true stems and roots and leaves  
31: (trademark) a child's plastic construction set for making mechanical models

33: an Algerian extremist Islamic offshoot of the Armed Islamic Group; now the largest and most active armed terrorist group in Algeria that seeks to overthrow the government; a major source of support and recruitment for al-Qaeda operations in Europe and northern Africa  
34: the capital of Western Samoa  
35: a city in western Nevada at the foot of the Sierra Nevada Mountains; known for gambling casinos and easy divorce and remarriage  
36: a releasing factor that accelerates the secretion of growth hormone by the anterior pituitary body  
37: a motor vehicle with four wheels; usually propelled by an internal combustion engine  
38: the capital and largest city of Norway; the country's main port; located at the head of a fjord on Norway's southern coast  
40: a concave shape whose distinguishing characteristic is that the concavity faces downward  
44: a unit of information equal to 1024 pebibytes or  $2^{60}$  bytes  
47: (astronomy) a measure of time defined by Earth's orbital motion; terrestrial time is mean solar time corrected for the irregularities of the Earth's motions  
49: the Pakistan intelligence agency; a powerful and almost autonomous political and military force; has procured nuclear technology and delivery capabilities; has had strong ties with the Taliban and other militant Islamic groups  
51: give pain or trouble to  
53: a friendly informal reference to a grown man  
55: a language group of the Hoka family  
57: Italian film actress (born in 1934)  
58: either of two large African antelopes of the genus *Taurotragus* having short spirally twisted horns in both sexes  
59: a doctor's degree in music  
60: the degree to which a sunscreen protects the skin from the direct rays of the sun  
61: any of various strong liquors distilled from the fermented sap of toddy palms or from fermented molasses  
62: tree of low-lying coastal areas of southeastern United States having glossy leaves and racemes of fragrant white flowers  
64: move about aimlessly or without any destination, often in search of food or employment  
65: a sodium salt of carbonic acid; used in making soap powders and glass and paper  
66: narrate or give a detailed account of  
69: nocturnal bird of prey with hawk-like beak and claws and large head with front-facing eyes

71: sandwich filled with slices of bacon and tomato with lettuce  
72: a gonadotropic hormone that is secreted by the anterior pituitary and stimulates growth of Graafian follicles in female mammals, and activates the cells in male mammals that form sperm