

ACROSS

1: an agency established in 2001 to safeguard United States transportation systems and insure safe air travel

4: a unit of information equal to 1000 gigabits or 10^{12} (1,000,000,000,000) bits

8: the agency that provides scientific and engineering and technical support for submarine and undersea warfare systems

12: large African antelope with long straight nearly upright horns

13: a state in midwestern United States

14: King of the Germans and Holy Roman Emperor (912-973)

16: domesticated bovine animals as a group regardless of sex or age

17: away from a more central or a more northerly place

18: a transferase that catalyzes the hydrolysis of ribonucleic acid

19: your consciousness of your own identity

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

21: the leaves of the shrub *Catha edulis* which are chewed like tobacco or used to make tea; has the effect of a euphoric stimulant

23: a doctorate usually based on at least 3 years graduate study and a dissertation; the highest degree awarded graduate study

24: an Arabic term of respect for someone who has made the pilgrimage to Mecca

26: the 17th letter of the Greek alphabet

28: protocol that allows users to copy files between their local system and any system they can reach on the network

30: a proportion in relation to a whole (which is usually the amount per hundred)

32: meaningless syllables in the refrain of a part song

36: someone who works with their hands; someone engaged in manual labor

39: a Russian unit of weight equal to approximately 36 pounds

41: remove the stalk of fruits or berries

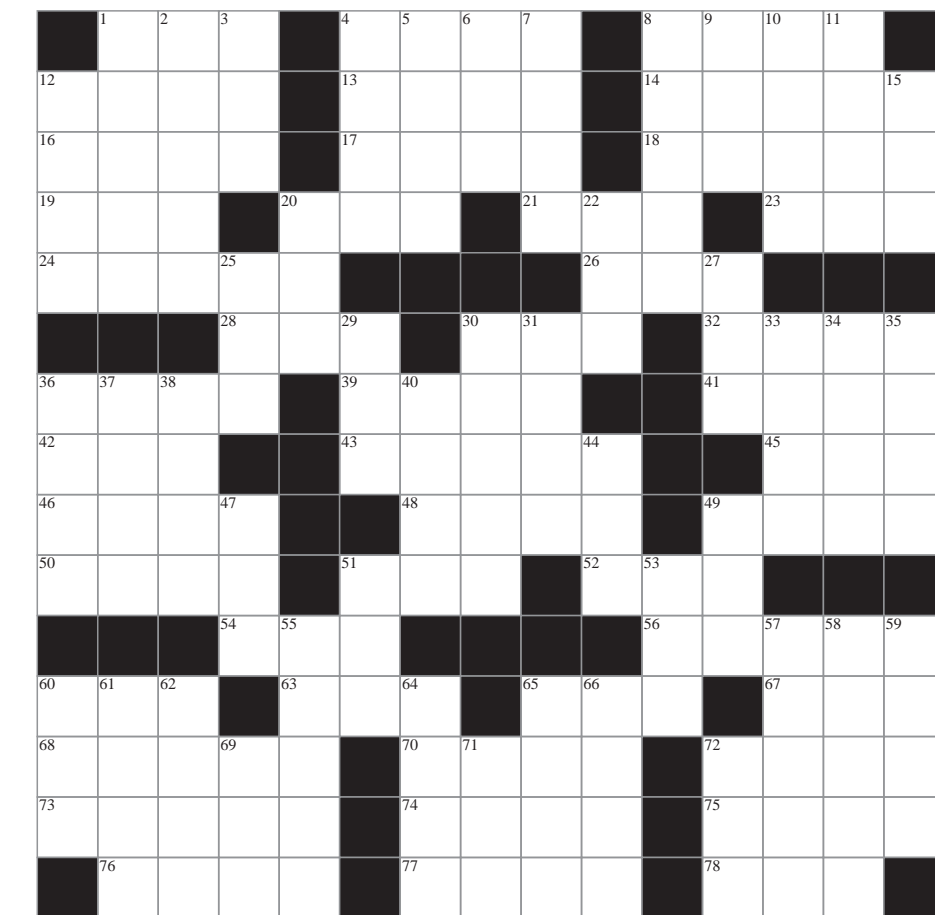
42: a Palestinian international terrorist organization that split from the PLO in 1974; has conducted terrorist attacks in 20 countries

43: United States abstract expressionist painter (1910-1962)

45: the cardinal number that is the sum of six and one

46: a male religious living in a cloister and devoting himself to contemplation and prayer and work

48: enthusiastic and assured vigor and liveliness



49: Israeli statesman (born in Russia) (1898-1978)

50: a port city on the Caspian Sea that is the capital of Azerbaijan and an important center for oil production

51: (British) British term for video display

52: a boy or man

54: any of various coarse shrubby plants of the genus ___ with small greenish flowers; common in moist areas (as coastal salt marshes) of eastern and central North America

56: a quantity of no importance

60: tag the base runner to get him out

63: last or greatest in an indefinitely large series

65: a United Nations agency to coordinate international health activities and to help governments improve health services

67: outside or external

68: small biscuit (rich with cream and eggs) cut into diamonds or sticks and baked in an oven or (especially originally) on a griddle

70: Roman poet remembered for his elegiac verses on love (43 BC - AD 17)

72: fish sperm or sperm-filled reproductive gland; having a creamy texture

73: a corporation authorized by Congress to

provide a secondary market for residential mortgages

74: the yarn woven across the warp yarn in weaving

75: preparatory school work done outside school (especially at home)

76: the English royal house (a branch of the Plantagenet line) that reigned from 1461 to 1485; its emblem was a white rose

77: being four more than sixty

78: of or pertaining to a number system having 16 as its base

DOWN

1: type genus of the Triglidae

2: a council convened to discuss ecclesiastical business

3: terminate

4: marked by order and cleanliness in appearance or habits

5: a crude uncouth ill-bred person lacking culture or refinement

6: a former international labor union and radical labor movement in the United States; founded in Chicago in 1905 and dedicated to

the overthrow of capitalism; its membership declined after World War I

7: a freight car that transports liquids or gases in bulk

8: the region of the United States lying to the _____ of the Mason-Dixon line

9: a nongovernmental organization of Pakistani scientists that has been a supporter of terrorism; has provided information about chemical and biological and nuclear warfare to Osama bin Laden and al-Qaeda and the Taliban

10: hit hard

11: hit with a _____, usually on the head

12: an endorsement

15: an explosive device that is improvised

20: either of two soft fleshy milk-secreting glandular organs on the chest of a woman

22: the products of human creativity; works of _____ collectively

25: 35th President of the United States; established the Peace Corps; assassinated in Dallas (1917-1963)

27: many times at short intervals

29: a Marxist-Leninist terrorist group of Kurds trying to establish an independent Kurdish state in eastern Turkey

30: thick stew made of rice and chicken and small game; southern U.S.

31: single-stranded DNA that is complementary to messenger RNA or DNA that has been synthesized from messenger RNA by reverse transcriptase

33: a nonstandard form of American English characteristically spoken by African Americans in the United States

34: being three more than fifty

35: a terrorist organization that seeks to overthrow the government dominated by Tutsi and to institute Hutu control again

36: upright consisting of a vertical side member of a door or window frame

37: small buffalo of the Celebes having small straight horns

38: hit, especially on the head

40: a self-luminous diode (it glows when an electrical field is applied to the electrodes) that does not require backlighting or diffusers

44: an inflammatory complication of leprosy that results in painful skin lesions on the arms and legs and face

47: a member of the Dravidian people living in southeastern India

49: a Sunni organization formed in 1989 and based in Pakistan; opposes missionary groups from the United States; has Lashkar-e-Tayyiba as its armed wing

51: a large open vessel for holding or storing liquids

53: relating to or containing the _____ radical

55: the neck of a garment has the shape in front of the letter V

57: the longest French river; rises in the Massif Central and flows north and west to the Atlantic Ocean

58: type genus of the Culicidae: widespread

genus of mosquitoes distinguished by holding the body parallel to the resting surface

59: a protocol (utilizing TCP) to transfer hypertext requests and information between servers and browsers

60: an independent agency of the federal government responsible for the promotion of progress in science and engineering by supporting programs in research and education

61: causing a dull and steady pain

62: long heavy knife with a single edge; of Philippine origin

64: laugh unrestrainedly and heartily

65: a local area network that uses high frequency radio signals to transmit and receive data over distances of a few hundred feet; uses ethernet protocol

66: a television system that has more than the usual number of lines per frame so its pictures show more detail

69: resonance of protons to radiation in a magnetic field

71: subject to prolonged examination, discussion, or deliberation

72: the ratio of the distance traveled (in miles) to the time spent traveling (in hours)