

MATHNEWS

High School courses are not accepted as equivalent to college courses. Every new incoming student will be required to take the Math assessment test unless he/she has satisfied the prerequisite through completion of a college-level course or comparable assessment process from another accredited college/university. **Assessment results are valid only for one year.**

Scholarships: The LACC Math Department offers several scholarships to its students each year. The scholarships are awarded each spring semester to outstanding students in Mathematics and range from \$200 to \$1000 each.

High School Competition: Every March the LACC Math Department hosts a Mathematics Competition for high school students. Prizes worth over \$5,500 are awarded each year.

The LACC Math Club develops students into skillful problem solvers, giving them analytical capabilities needed for excellence in virtually all fields of study. In 2007, the LACC Math Club team placed **FIRST IN THE NATION** in the 2007 Annual National AMATYC competition. The LACC team, under the direction of Dr. Anatoliy Nikolaychuk also placed second in 2006, first in 2004, and third in 2003. Prof. Nikolaychuk conducts weekly meetings in which students collaborate to solve Math problems and enjoy camaraderie, dialog and pizza with fellow students. The individual prizes were scholarship awards of \$3000 each. More information is available on the LACC Math Department web page located at <http://www.lacitycollege.edu> or from Dr. Nikolaychuk (Office in Jefferson Hall, room 312E).



Pi Shop (Math Tutoring Center)

Need help with your math classes? Enroll in Math 100 anytime during the semester and receive tutoring in all levels of math.

How to enroll:

By telephone use STEP (Student Telephone Enrollment Program).

In-Person use the Student Assistance Center during the In-person Registration Period.

Using the Internet use LACC web site at www.lacitycollege.edu

Open Entry you can join us any time during the semester; just come to the Pi Shop for an add card. JH 310 & JH 311

OPPORTUNITIES IN ENGLISH/ESL

Scholarships & Writing Awards

Every spring, the English/ESL Department offers several scholarships. Student scholars, future teachers, English tutors and English majors receive scholarships that range from \$200 to \$500. In addition, prizes are awarded to winning poets, fiction writers, and ESL writers during our annual creative writing contest. At the end-of-the-year award ceremony, the department celebrates these student achievements, followed by a reading of our prize-winning writers.

The Writing Center

Location: Jefferson Hall 302

Hours: Monday through Thursday, 9am to 2pm, 3:30pm to 7pm
Friday and Saturday 9 am to 1pm

The Writing Center is where students come for help with any of their reading and writing assignments, at every level. The tutors (faculty and students) are very helpful. They work with students one-on-one with grammar, spelling, reading, proofreading, essay writing, and research questions. Students can browse the resource library for grammar/essay writing/spelling books which can be signed out. Computers are available for word-processing, on-line assignments, on-line writing tutorials, and printing. No appointments are necessary; anyone can sign up for English 67 (writing lab) and/or English 68 (reading lab) and come in for tutoring at all levels of English and ESL at any time the Writing Center is open.

**You can sign up for any section of English 67 or 68 (both 0.5 unit). If you are interested in writing on the computer, we also offer English 69: Writing and Revising on the Computer (1 unit).*

How to enroll:

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In - Person use the Student Assistance Center during the In-person Registration Period.

Using the Internet.. use LACC web site at www.lacitycollege.edu

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LACC Assessment Test INFORMATION

CONGRATULATIONS!

You have booked your assessment exam and are on your way to academic success. The purpose of the placement test is to accurately measure your current level of Math and English knowledge. The test helps us to determine the most appropriate classes for you to take. The assessment process helps us to place you in classes where you have the best opportunity to succeed. We understand some students choose to prepare for the tests, but don't worry about the test. **YOU CANNOT FAIL THE TEST!**

Your Appointment...

The attached paper indicates your assessment appointment date and time. It is important that you **bring a picture ID and your Assessment appointment reminder** to the assessment test.

On the day of the test...

Please **arrive 10 minutes early**. You will meet your proctor outside of the Learning Resource Center (LRC) (old library) on the stairs. **DO NOT ENTER THE LRC UNTIL USHERED IN BY THE TEST PROCTOR.** Your proctor will give you brief instructions before walking you into the Assessment lab located in the LRC. When you walk through the LRC, please keep your noise to a minimum (we appreciate it!). **No food or beverages will be allowed. You may NOT use textbooks, notes, dictionaries, or calculators. Turn cell phones off or on "vibrate."** You may **NOT** use the computers in the lab for anything other than taking the assessment exam.

Your proctor will explain the process once you are in the Assessment lab .

It is important that you enter your correct LACC student number. Your student number is a 9-digit number displayed as follows: 88-XXX-XXXX. Once your student ID number is entered, you must complete the test, in its entirety. **Do not use your social security number, driver's license number, work identification number, etc. Using such numbers will only delay the time in which you get your assessment results and are able to register for your classes.**

Assessment Policies

If it is determined that you do not have a current application on file at LACC and/or that you have taken the assessment exam within six months, you will be excluded from the test.

Any form of fraud (using a false name or social security/ID number, taking the exam for another student, etc.) constitutes a violation of the Standards of Student Conduct and may result in disciplinary action. Any behavior in violation of the Standards of Student Conduct such as disturbing other students, cheating, or disobeying the proctor will result in disciplinary action.

How to get your exam results...

You will not receive your placement results on the day of the exam. You can return to campus on a later date to pick up your results at AD 103 or access them on-line through the Student Information System. The proctor will advise you of the date your results will be ready. **NO TEST RESULTS WILL BE ISSUED WITHOUT PICTURE IDENTIFICATION.**

ATTN: Office of Special Services (OSS) students pick up results in the OSS office (CH 109).

SPECIAL CONCERNS?



If you think you might have a Learning Disability which affects your reading or math skills, you may want to see a Learning Disabilities Specialist **BEFORE** you take the Placement Test.

For more information please call:

Susan Matranga ext. 2273

Or

Andrea Smith ext. 2276

Office of Special Services

Clausen Hall 109



SAMPLE TEST QUESTIONS

This guide will introduce you to the Math and English placement tests used by Los Angeles City College. More information can be retrieved from the following website: <http://www.collegeboard.com/student/testing/accuplacer/>

Your English placement will be determined by the results of the following tests:

1. Written Essay exam (40 minutes)
2. Reading Comprehension test (computerized)
3. Sentence Skills test (computerized)

There are three sections within the Accuplacer Math test. You will begin with one section and, depending on your performance, may be branched into others. Determination of which section you begin with is based upon your previous experience in math classes. You will take anywhere from one to three tests.

4. Arithmetic test (computerized)
5. Elementary Algebra test (computerized)
6. College Level Math test (computerized)

You will have 2 hours and 40 minutes to complete all portions of the test.

The following provides sample questions for the test.

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DESCRIPTION OF ENGLISH PLACEMENT TEST:

The English Test has three sections: A 40-minute writing section (essay), and two on-line multiple choice tests; reading and sentence skills. Your English placement will be based on a combination of these three scores. **The written essay portion of the test counts for 60%, the Reading Comprehension 20%, and the Sentence Skills 20% of your final score.**

WRITING SECTION (ESSAY)

During the writing section, you will be asked to read a short statement followed by a writing question. Here is an example.

Writing Question: Do you agree or disagree with this opinion? In an organized essay of several paragraphs, explain why you agree or disagree. You may use your own experience and/or general knowledge to support your argument.

Statement: My friend believes good family values come from big families. She thinks that it's better for children when they grow up in large families because this teaches them about cooperation, love, and compromise. She thinks the only happy families are those with lots of children.

After you read the question, you will have 40 minutes to write an essay. This test will measure your ability to write clear and coherent English compositions. Essays that are developed and organized with appropriate details and examples will have a higher score than shorter, less organized, more general essays that may have more grammatical errors.

Note: Your English Essay score represents 60% of the English placement determination. Take the essay seriously. Demonstrate your best essay writing skills. Write as much as you can.

READING COMPREHENSION

This test measures your ability to understand what you read. Some questions will ask you to read the statement or passage and then choose the best answer to the question. Answer the question on the basis of what is stated or implied in the passage.

QUESTION 1

Every sip of milk contains 59 different bioactive hormones according to endocrinologist Clark Grosvenor. Imagine taking 59 different hormone pills every morning, afternoon and evening. These hormones cause mood swings, irritability and depression. Imagine the devastation that is created in your body by the cumulative effect of taking those powerful drugs. What is the gross effect on the total behavior of a society, so dosed?

As we drink more and more milk and increase the amount of genetically engineered milk and cheese and ice cream products containing increased levels of naturally occurring milk hormones, we most certainly have influenced the way we act as a society.

The author's argument is that:

- A. Many people are drug addicts
- B. Milk has an effect on the way our society acts
- C. Women need to take hormones
- D. Everyone should drink more milk

Answer = B

QUESTION 2

In the words of Thomas De Quincey, "It is notorious that the memory strengthens as you lay burdens upon it." If, like most people, you have trouble recalling names of those you have just met, try this: the next time you are introduced, plan to remember the names. Say to yourself, "I'll listen carefully; repeat each person's name to be sure I've got it, and I will remember." You'll discover how effective this technique is and probably recall those names for the rest of your life.

The main idea of the paragraph maintains that the memory

- A. always operates at peak efficiency.
- B. breaks down under great strain.
- C. improves if it is used often.
- D. becomes unreliable if it tires.

Answer = C

QUESTION 3

Two bold sentences are followed by a question or statement about them. Read each pair of sentences and then choose the best answer to the question or the best completion of the statement.

The Midwest is experiencing its worst drought in fifteen years. Corn and soybean prices are expected to be very high this year.

What does the second sentence do?

- A. It restates the idea found in the first.
- B. It states an effect.
- C. It gives an example.
- D. It analyzes the statement made in the first.

Answer = B

QUESTION 4

The rain froze as it touched the ground. Roads were slippery

and dangerous.

How are the two sentences related?

- A. the second sentence contradicts the first
- B. the two sentences set up a comparison
- C. the second sentence shows a direct result of the first
- D. the second sentence states what dangerous means

Answer = C

QUESTION 5

The American prison system functions primarily to extract retribution. In Japan, the courts are less concerned with sending people to jail than they are with rehabilitating them.

What does the second sentence do?

- A. It supports an idea found in the first sentence.
- B. It analyzes an idea stated in the first sentence.
- C. It states a contrast to the statement in the first sentence.
- D. It exemplifies an idea found in the first sentence.

Answer = C

SENTENCE SKILLS

This test measures your understanding of sentence structure — how sentences are put together and what makes a sentence complete and clear.

QUESTION 1

Select the best version of the bold part of the sentence. The first choice is the same as the original sentence. If you think the original sentence is best, choose the first answer.

Ms. Rose **planning** to teach a course in biology next summer.

- A. planning
- B. are planning
- C. with a plan
- D. plans

Answer = D

QUESTION 2

Select the best version of the bold part of the sentence. The first choice is the same as the original sentence. If you think the original sentence is best, choose the first answer.

Walking by the corner the other day, **a child, I noticed, was watching** for the light to change.

- A. a child, I noticed, was
- B. I noticed a child watching
- C. a child was watching, I noticed,
- D. there was, I noticed, a child watching

Answer = B

QUESTION 3

Select the best version of the bold part of the sentence. The first choice is the same as the original sentence. If you think the original sentence is best, choose the first answer.

To walk, biking, and driving are Pat's favorite ways of getting around.

- A. To walk, biking, and driving
- B. Walking, biking, and driving
- C. To walk, biking, and to drive
- D. To walk, to bike, and also driving

Answer = B

QUESTION 4

Rewrite the sentence in your head, following the directions

given below. Keep in mind that your new sentence should be well written and should have essentially the same meaning as the sentence given you.

Being a female jockey, she was often interviewed.

Rewrite, beginning with

"She was often interviewed..." The next words will be

- A. on account of she was
- B. by her being
- C. because she was
- D. being as she was

Answer = C

QUESTION 5

Rewrite the sentence in your head, following the directions given below. Keep in mind that your new sentence should be well written and should have essentially the same meaning as the sentence given you. Excited children ran toward the loud music, and they told others about the ice cream truck outside.

Rewrite, beginning with

"The excited children, who had run toward the loud..."

The next words will be

- A. music, they told
- B. music told
- C. music, telling
- D. music and had told

Answer = B

QUESTION 6

Rewrite the sentence in your head, following the directions given below. Keep in mind that hour new sentence should be well written and should have essentially the same meaning as the sentence given you.

The band began to play, and then the real party started. Rewrite, beginning with "The real party started..." The next words will be

- A. after the band began
- B. and the band began
- C. although the band began
- D. the band beginning

Answer = A

DESCRIPTION OF THE MATH PLACEMENT TEST:

There are three sections within the Accuplacer Math test: Arithmetic, Elementary Algebra and College Level Math. You will begin with one section and, depending on your performance, may be branched into others. Determination of which section you begin with is based upon your previous experience in math classes.

ARITHMETIC

This test measures your ability to perform basic arithmetic operations and to solve problems that involve fundamental arithmetic concepts.

QUESTION 1

All of the following are ways to write 20 percent of N, EXCEPT

- A. 0.20N
- B. 20N
- C. 100
- D. 1N
- E. 5
- F. 20N

Answer = D

QUESTION 2

Three people who work full time are to work together on a

project, but their total time on the project is to be equivalent to that of only one person working full time. If one of the people is budgeted for 1/2 of his time to the project and a second person for 1/3 of her time, what part of the third worker's time should be budgeted to this project?

- A. 1/3
- B. 1/4
- C. 1/6
- D. 1/8

Answer = C

QUESTION 3

Which of the following is closest to $\sqrt{10.5}$?

- A. 3
- B. 4
- C. 5
- D. 8

Answer = A

QUESTION 4

The Number of Employees of Company K Who Were Involved in Accidents

	Plant X	Plant Y
Mechanics	11	30
Power Machine Operators	9	12

The table above show the results of an industrial health survey of 10,000 people employed at Company K for more than 5 years. If 2,500 employees were surveyed in each of the four categories, which group of employees had the highest accident rate?

- A. Mechanics in Plant X
- B. Mechanics in Plant Y
- C. Power Machine Operators in Plant X
- D. Power Machine Operators in Plant Y

Answer = B

QUESTION 5

7/20 is equal to

- A. 0.035
- B. 2.858
- C. 0.35
- D. 3.5

Answer = C

ELEMENTARY ALGEBRA

This test measures your ability to perform basic algebraic operations and to solve problems that involve elementary algebraic concepts.

QUESTION 1

If a number is divided by 4, and then 3 is subtracted, the result is 0. What is the number?

- A. 12
- B. 4
- C. 3
- D. 2

Answer = A

QUESTION 2

If A represents the number of apples purchased at 15 cents each and B represents the number of bananas purchased at 10 cents each, which of the following represents the total value of the purchases?

- A. A+B
- B. 25(A+B)
- C. 10A + 15B
- D. 15A + 10B

Answer = D

QUESTION 3

16x - 8 =

- A. 8x
- B. 8(2x-x)
- C. 8(2x-1)
- D. 8(2x-8)

Answer = C

QUESTION 4

(3x-2y)² =

- A. 9x² - 4y²
- B. 9x² + 4y²
- C. 9x² + 4y² - 6xy
- D. 9x² + 4y² - 12xy

Answer = D

QUESTION 5

If x² - x - 6 = 0 then x is

- A. -2 or 3
- B. -1 or 6
- C. 1 or -6
- D. 2 or -3

Answer = A

QUESTION 6

Mary has 12 more apples than peaches. If she divides each fruit in half, she will have 32 pieces of fruit. How many peaches does Mary have?

- A. 2
- B. 3
- C. 12
- D. 8

Answer = A

COLLEGE LEVEL MATH

This test measures your ability to solve problems that involve college-level mathematics concepts.

QUESTION 1

If f(x) = x⁴ - x + 2, then f(-x) =

- A. x⁴ - x
- B. x⁴ + x
- C. x⁴ - x + 2
- D. x⁴ + x + 2
- E. x⁴ + x - 2

Answer = D

QUESTION 2

A right triangle ABC has a right angle at C. The base of the triangle is BC and the vertical is AC. The SINE of angle "B" is?

- A. BC
- B. AC
- C. AB
- D. AB
- E. BC
- F. BC

Answer = B

More practice problems can be found by searching the internet using key words: Accuplacer, Sample Test.