

High School Multiple Measures

A recent (within past 5 years) high school / homeschool graduate may submit a high school/home school transcript or an approved test score for placement evaluation.

Placement will be based on the following tables.

Math placement will be determined using one of the following measures.

Math Placement Measures #	HSGPA or Score Range	Placement
HSGPA and Algebra II and One Algebra Intensive Course* *Algebra Intensive Courses above Algebra II: Trigonometry, Math Analysis, Pre-Calculus, Calculus, Algebra III.	3.0 or higher	MTE 1-9 Satisfied
HSGPA and Algebra II	3.0 or higher	MTE 1-5 Satisfied
HSGPA and Algebra I	3.0 or higher	MTE 1-3 Satisfied
SAT – Math	530 or above	MTE 1-9 Satisfied
	510-520 range	MTE 1-5 Satisfied
ACT – Subject Area Test Math	22 or above	MTE 1-9 Satisfied
	19-21 range	MTE 1-5 Satisfied
GED – Math	165 or above	MTE 1-5 Satisfied
	155-165 range	MTE 1-3 Satisfied

English placement will be determined using one of the following measures.

English Placement Measures	HSGPA or Score Range	Placement
HSGPA	3.0 or higher	ENG 111
	2.7-2.9	ENF3/ENG 111
SAT-ERW (Evidence-Based Reading and Writing)	480 or above	ENG 111
	460-470 range	ENF3/ENG 111
ACT-Subject Area Tests English and Reading	18 or above	ENG 111
	15-17 range	ENF3/ENG 111
GED-English	165 or above	ENG 111

High school GPA (HSGPA) is valid for five (5) years after the date of high school graduation. SAT, ACT and GED Test scores are valid for five (5) years after the date of the test. Virginia Placement Test-English and Math scores are valid for five (5) years after the date of the test. Previously taken developmental courses will be valid for five (5) years after term taken.

DANVILLE COMMUNITY COLLEGE

ADVISING QUESTIONNAIRE FOR RECENT HIGH SCHOOL GRADUATES

Name: _____

Student ID: _____ Program of Study: _____

E-Mail: _____ Phone: _____

HIGH SCHOOL: _____

STUDENT SIGNATURE: _____

What year did you graduate high school? _____

What was your cumulative high school GPA? _____ (Numeric only)

If you do not know specifically, please estimate.

For example: mostly As = 4.00, mostly Bs = 3.00, mostly Cs = 2.00, mostly Ds or Fs 1.0.

Select the last math course that you took in high school:

Algebra 1
Algebra 2
Algebra 3
Trigonometry

Math Analysis
Pre- calculus
Calculus

COURSE PLACEMENT GUIDANCE

- If your HSGPA was 2.69 and below, you must enroll in pre-requisite development courses. Please take the VPT Practice test, see instructions. The VPT Practice will help assess your placement needs.
- If your HSGPA was between 2.7 and 2.99, you must enroll in ENG 111 + ENF 3.
- If your HSGPA was 3.00 or higher and you took HS Algebra 1, you must enroll in ENG 111, and you have satisfied MTE 1-3.
- If your HSGPA was 3.00 or higher and you took HS Algebra 2, you must enroll in ENG 111, and you have satisfied MTE 1-5.
- If your HSGPA was 3.00 or higher and you took HS Algebra 2 and one algebra intensive course, you must enroll in ENG 111, and you have satisfied MTE 1-9.

HAVE QUESTIONS OR NEED HELP ENROLLING IN YOUR CLASSES?

We are here to help!

Contact admissions@danville.edu

DANVILLE COMMUNITY COLLEGE
ADVISING QUESTIONNAIRE FOR DIRECT PLACEMENT

Name: _____

Student ID: _____ Program of Study: _____

E-Mail: _____ Phone: _____

HIGH SCHOOL: _____

STUDENT SIGNATURE: _____

What year did you graduate high school? _____

What was your cumulative high school GPA? _____ (Numeric only)

If you do not know specifically, please estimate.

For example: mostly As = 4.00, mostly Bs = 3.00, mostly Cs = 2.00, mostly Ds or Fs 1.0.

Select the last math course that you took in high school:

- | | |
|--------------|---------------|
| Algebra 1 | Math Analysis |
| Algebra 2 | Pre- calculus |
| Algebra 3 | Calculus |
| Trigonometry | |

Have you taken previous College courses? YES NO

If YES- Which College/University? _____

Did you take College level English? YES NO

Did you take College level Math? YES NO

Did you earn a college degree? YES, please list: _____
NO

COURSE PLACEMENT GUIDANCE

After reviewing the sample course information, I feel confident that I can succeed in the following courses:

- ENG 111, College Composition I
- MTH 111, Technical Math
- MTH 154, Quantitative Reasoning and/or MTH 155, Statistical Reasoning
- MTH 161, Precalculus

If you do not feel comfortable using direct placement and would like to take an assessment to help identify your placement needs, please see the directions to take the Virginia Placement Test.

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DANVILLE COMMUNITY COLLEGE SELF PLACEMENT

Are You Ready for ENG 111?

The purpose of this review is to verify your readiness for ENG 111.
Please answer the three questions below.

- Are you able to write focused, organized 2-3 page essays and edit them so they are nearly free of errors?
- Are you able to read and analyze college-level texts?

Please review the following sample assignment:

Research Paper: Defining and Analyzing a Problem

You will write a 4-5 page paper that clearly defines a particular local, state, or global problem or challenge and provides related background information to increase our understanding as to the nature of the problem. You are encouraged to choose a local, state, or global issue in which you have a strong interest. First, you will define why and how it is a problem. The purpose here is not to solve the problem, but rather (1) to be objective in defining its origins and (2) to analyze its constituent parts in order to our understanding of it.

Description:

Our starting point for this assignment is the inventor and researcher Charles Kettering's famous quote: "A problem well-stated is a problem half-solved." During class, we have been discussing different types of issues and their effects on society, persons, education, medical care, and so on. You will now choose an issue and proceed with finding and discussing related research. The result of your work will be a deeper understanding of the problem. You will define the issue through researching and analyzing its impacts and background.

Throughout your paper, you will introduce and discuss quoted, paraphrased, and/or summarized passages. You will make sure to write in complete paragraphs, including (where appropriate) a thesis, introduction, body paragraphs, conclusion, and Works Cited or Reference page (depending upon whether you are using MLA or APA documentation).

After reviewing the sample assignment, would you feel comfortable completing this assignment on your own with minimal support?

COURSE PLACEMENT RECOMMENDATIONS

- If you answered yes to all of the questions, you should consider enrolling in ENG 111.
- If you answered yes to one or two of the questions, you should consider enrolling in ENG 111 with ENF 3.
- If you answered no to all three questions, you must enroll in pre-requisite development courses.

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DANVILLE COMMUNITY COLLEGE SELF PLACEMENT

Are You Ready for MTH 111?

The purpose of this review is to verify your readiness for MTH 111.

You do not need to solve these problems. Simply review them and answer the three questions below.

- *Do these math problems below look familiar to you?*
- *Have you learned these types of problems in prior math classes?*
- *If you reviewed this material, would you be able to solve most of these problems?*

1. Which of these fractions is greater than 1?

- a. $\frac{7}{8}$ b. $\frac{1}{8}$ c. $\frac{8}{8}$ d. $\frac{10}{8}$

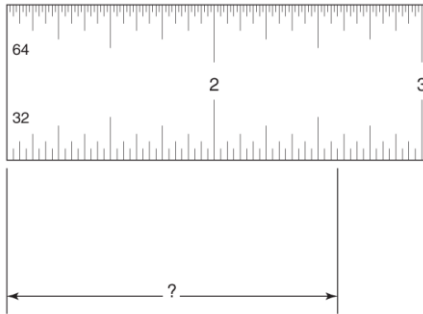
2. $12\frac{1}{2} - 6\frac{1}{4}$

- a. $6\frac{1}{2}$ b. $6\frac{1}{4}$ c. $5\frac{1}{4}$

3. 13.895 - 5.0921 rounded to the nearest thousandth is:

- a. 8.803 c. 8.802
b. 8.8029 d. 8.80

4. Read the ruler to the nearest 32nd of an inch. _____



5. What is 25% of 36?

- a. 18 b. 9 c. 27 d. 11

6. Convert $\frac{9}{16}$ to decimal form.

- a. 1.778 b. 0.5625 c. 144.0 d. 0.625

COURSE PLACEMENT RECOMMENDATIONS

- If you answered yes to at least one of the questions, you should consider enrolling in MTH 111.
- If you answered no to all three questions, you must enroll in pre-requisite development courses. Please contact an advisor.

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DANVILLE COMMUNITY COLLEGE SELF PLACEMENT

Are You Ready for MTH 154 or MTH 155?

The purpose of this review is to verify your readiness these math courses.
You do not need to solve these problems. Simply review them and answer the three questions below.

- Do these math problems below look familiar to you?
- Have you learned these types of problems in prior math classes?
- If you reviewed this material, would you be able to solve most of these problems?

1. Simplify the following expressions

a. $\frac{-6+(-2)}{-3+1}$

b. $(-2)^3 + (-3)(2)$

c. $9\frac{1}{4} - 2\frac{2}{3}$

2. Answer the following problems involving percents

a. What is 40% of 380?

b. What percent of 80 is 72?

c. Convert 0.3 to a percent.

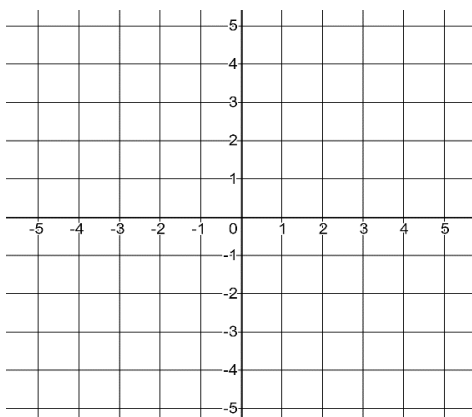
3. Solve each equation.

a. $2x + 6 = 5$

b. $3x = 6$

c. $3(x - 5) = 4$

4. Plot the point $(-3,4)$ on the coordinate plane below.



5. Write the following numbers in scientific notation.

a. 0.00345

b. 324,567,000

6. Write the following scientific numbers in standard notation.

a. 1.23×10^5

b. 3.67×10^{-4}

COURSE PLACEMENT RECOMMENDATIONS

- If you answered yes to at least two of the above questions, you should consider enrolling in MTH 154/MTH 155 for general studies.
- If you answered yes to one of the above questions, you should consider enrolling in MTH 154 or MTH 155 with the co-requisite course, if it is offered at your college. Please contact advisor for pre-requisite requirements.
- If you answered no to all three questions, you must enroll in pre-requisite development courses. Please contact an advisor.

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DANVILLE COMMUNITY COLLEGE SELF PLACEMENT

Are You Ready for MTH 161?

The purpose of this review is to verify your readiness for MTH 161.

You do not need to solve these problems. Simply review them and answer the three questions below.

- *Do these math problems below look familiar to you?*
- *Have you learned these types of problems in prior math classes?*
- *If you reviewed this material, would you be able to solve most of these problems?*

1. Simplify the following expressions.

a. $(-2x^3y^6)^3$ b. $\frac{40x^3y^3}{5x^4y}$ c. $(5a^2b^3) \cdot (3b^2c^3)$

2. Given $f(x) = -x^2 + 6x - 11$, identify the vertex, x- and y- intercepts and sketch the graph.

3. Factor the following completely.

a. $3b^3 - 15b^2 - 42b$

b. $8x^3z - 27y^6z$

c. $4x^2 - 8x - 16$

4. Solve the following equations.

a. $2x^2 = x + 3$

b. $\sqrt{x+3} = 5$

c. $\frac{3}{x} + \frac{2}{x+1} = \frac{3}{x+1}$

5. Solve the inequality and sketch your solution on a number line.

$$2x - 3 < 3x + 5$$

6. Find the equation of the line in Slope-intercept form passing through the points $(-2,5)$ and $(0,2)$.

COURSE PLACEMENT RECOMMENDATIONS

- If you answered yes to at least two of the questions, you should consider enrolling in MTH 161.
- If you answered yes to one of the questions, you should consider enrolling in MTH 161 with the co-requisite course, if it is offered at your college. Please contact advisor for pre-requisite requirements.
- If you answered no to all three questions, refer to "Are you ready for MTH 154, MTH 155, or Algebra?"

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