



Pierce College Math Guided Self-Placement for BSTEM

Placing yourself does not guarantee success. This is a guide for self-placement only. We strongly recommend that you consult with a counselor when utilizing this tool.

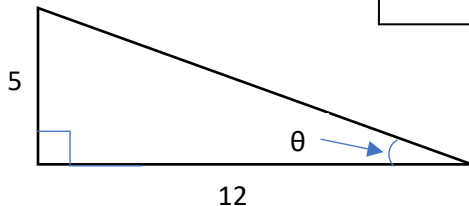
Directions: Read each question below. **DO NOT ANSWER IT.** Instead, think for a bit if you can answer it. Then, select the choice that best reflects your take on the problem.

A: Yes, I could easily answer this question;

B: I've successfully done problems of this type before, and could do this question again with some review; or

C: No, I don't have any idea how to answer this question.

1. Add $\frac{2}{3} + 1\frac{3}{4}$ without using a calculator.
2. What is 20% of 500?
3. Simplify $3a + 4b - 5a + 2b$.
4. Solve $5x - 5 = 10 + 2x$.
5. Is the slope of the line $6x + 11y = 12$ positive or negative?
6. Factor the trinomial $x^2 - 10x + 16$.
7. Solve $(x - 1)(x + 3) = 0$.
8. Solve $(x - 1)(x + 3) > 0$.
9. Given the function $f(x) = x^2 - 3x + 16$, find $f(-2)$.
10. Solve $x^{3/2} = 27$.
11. Solve $\log_3\left(\frac{1}{9}\right) = x$.
12. Find $\sin \theta$ in the right triangle:
13. Evaluate $\sum_{n=1}^5 2^{n-1}$



Recommendations:

If your reply is...

- (1) **C** to everything – take **Math 110**
- (2) **A** or **B** to 1-3 and **C** to everything else – take **Math 115**
- (3) **A** or **B** to 1-6 and **C** to everything else – take **Math 134**
- (4) **A** or **B** to 1-9 and **C** to everything else – take **Math 134/215**
- (5) **A** or **B** to 1-11 and **C** to everything else – take **Math 215/238/240**
- (6) **A** or **B** to 1-12 and **C** to everything else – take **Math 260**
- (7) **A** or **B** to 1-13 – take **Math 260/261**



Last Name: _____ First Name: _____

Email: _____ Student ID: _____

After completing the LA Pierce College Guided Self-Placement and discussing this process with a counselor, I will place myself in the following math class(es):

___ Math 110: Introduction to Algebraic Concepts (5 units)

___ Math 115: Elementary Algebra (5 units)

___ Math 134: Accelerated Elementary & Intermediate Algebra (6 units)

___ Math 215: Principles of Mathematics I – Math for Elementary School Teachers (3 units)

___ Math 238: Calculus for Business & Social Science (5 units)

___ Math 240: Trigonometry (3 units)

___ Math 260: Precalculus (5 units)

___ Math 261: Calculus I (5 units)

Important: *This option is for placement only and does NOT satisfy the math competency requirements for a graduation. Students who self-place into a math course are required to successfully complete Math 134 or higher to meet the Pierce College math competency for an AA/AS.*

I authorize Pierce College to enter this data.

I certify that all information provided on this form is true and complete to the best of my knowledge.

This form is considered a legal document and will become a permanent part of your record. Falsification of this form may be cause for disciplinary action, including course withdrawal or suspension, as deemed appropriate.

(Student Signature & Date Required)