**Math Placement Test Options**

[**Compass**](http://www.act.org/products/higher-education-act-compass/) Used by 67% of WA CTCs. Will be phased out 12/31/16. No new test is envisioned.

[**AccuPlacer**](https://accuplacer.collegeboard.org/professionals) Used by 21% of WA CTCs. College Placement Test (CPT) has adaptive and diagnostic abilities. [set number of questions, no help in setting cut scores or decision zones, according to Mike Jenck from Yakima Valley] New version delayed until fall 2016

[**ALEKS**](http://www.aleks.com/highered/math/ppl) Used by 3% of WA CTCs. Placement, Preparation and Learning (PPL) system. Example implementation: [Des Moines CC](https://go.dmacc.edu/mathplacement/Pages/welcome.aspx). $25/student, $20 (maybe even $15 per some quotes) for regional or statewide adoption. Up to 30 questions, taking about 90 minutes; adaptive. Up to 5 placement tests in 6 months. Diagnostic results produce detailed study plan. [Spokane](https://css.co1.qualtrics.com/jfe/form/SV_9EIa7u7W1Y0Z4Xj) has an optional pilot program.

[**WAMAP**](https://www.wamap.org/) Used by 3% of WA CTCs. Could develop WAMAP-based placement tests, similar to UW/WSU MPT General (G) and Advanced (A) tests. Example: [Green River CC](http://www.greenriver.edu/student-affairs/assessment-and-testing-center/placement.htm). Has Placement Review practice section. Free.

[**EdReady**](http://info.edready.org/)Used for test prep, but could also be used for placement. Primarily pre-college only. Diagnostic assessment and preparation. $1/FTE annually. See <http://edreadymontana.org/> for a statewide implementation example

[**MyMathTest**](http://www.mymathtest.com/support/mmt/product_info.htm)Used by 9% of CTCs.Pearson product, associated with MyMathLab, so some instructors know how to work with it. Capable of adaptive testing. Used at [Highline](http://libguides.highline.edu/content.php?pid=168302&sid=1417405), [Spokane Falls](http://www.spokanefalls.edu/Announcements/ViewAncDescr.aspx?ID=434), [Lower Columbia](http://lowercolumbia.edu/placement/)

[**DSP**](https://www.tacoma.uw.edu/university-writing-program/directed-self-placement-step-step) *Directed Self Placement*; nationally used almost exclusively in English placement, not math (see the “DSP” link to UW-T for an example), but several WA colleges are adapting approach to math

**Math Placement Tests at WA Community & Technical Colleges (with testing web page link)**

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| [**Bates**](http://www.bates.ctc.edu/COMPASS) - Compass | [**Grays Harbor**](http://www.ghc.edu/support/testing/cpt.htm)- AccuPlacer | [**Shoreline**](http://www.shoreline.edu/testingcenter/compass.aspx)– ALEKS PPL |
| [**Bellevue**](http://www.bellevuecollege.edu/testing/compass/) – Compass (considering ALEKS) | [**Green River**](http://www.greenriver.edu/student-affairs/assessment-and-testing-center/placement.htm)– Compass or WAMAP | [**Skagit Valley**](http://www.skagit.edu/news.asp_Q_pagenumber_E_610)- Compass |
| [**Bellingham**](http://www.btc.ctc.edu/FutureStudents/FirstTimeStudents/indexFirstTimeStudents.aspx) - Accuplacer | [**Highline**](https://placement.highline.edu/) - MyMathTest | [**S. Puget Sound**](http://www.spscc.ctc.edu/resources/services/testing/placement) - Accuplacer |
| [**Big Bend**](http://www.bigbend.edu/admissions/testing-services/) - Accuplacer | [**Lake Washington**](http://www.lwtech.edu/become_a_student/assessment_center/compass_placement_test.aspx)- WAMAP | [**South Seattle**](http://www.southseattle.edu/student-assessment-services/placement.aspx)- Compass |
| [**Cascadia**](http://www.cascadia.edu/apply/compass.aspx) - Compass | [**Lower Columbia**](http://lowercolumbia.edu/placement/index.php)- MyMathTest | [**Spokane**](http://www.scc.spokane.edu/Admissions/Testing.aspx)– Compass & ALEKS |
| [**Centralia**](http://www.centralia.edu/students/testing.html)- Compass | [**North Seattle**](http://lowercolumbia.edu/placement/index.php)- Compass | [**Spokane Falls**](http://www.spokanefalls.edu/Announcements/ViewAncDescr.aspx?ID=434)- MyMathTest |
| [**Clark**](http://www.clark.edu/enroll/admissions/assessment/placement.php)- Compass | [**Olympic**](http://www.olympic.edu/services/assessment-testing-services/accuplacer-assessment)- AccuPlacer | [**Tacoma**](http://www.tacomacc.edu/gettingstarted/theenrollmentprocess/assessyourskills/accuplacer/)- AccuPlacer |
| [**Clover Park**](http://www.cptc.edu/compass) - Compass | [**Peninsula**](http://www.pencol.edu/admissions/placement-testing-center/placement-tests)- Compass | [**Walla Walla**](http://www.wwcc.edu/CMS/index.php?id=3586)- Compass |
| [**Columbia Basin**](http://www.columbiabasin.edu/index.aspx?page=915)- Compass | [**Pierce**](http://www.pierce.ctc.edu/dist/testing/)– Accuplacer (new) | [**Wenatchee**](http://www.wvc.edu/directory/departments/testing/placement.asp)- Compass |
| [**Edmonds**](http://www.edcc.edu/testing/tests/placement.html)- AccuPlacer | [**Renton**](http://www.rtc.edu/page/testing-services)– EdReady/DSP | [**Whatcom**](http://www.whatcom.ctc.edu/get-started/placement-testing)– WAMAP (considering ALEKS) |
| [**Everett**](http://www.everettcc.edu/enrollment/testing/compass-placement-test)– Accuplacer or ALEKS | [**Seattle Central**](http://www.seattlecentral.edu/testing/compass.php)- Compass | [**Yakima**](http://www.yvcc.edu/admission/placement-testing/Pages/Frequently-Asked-Questions.aspx)- WAMAP |

Yellow highlight: revisions as of spring 2016

Need Pre-College Math?

Which level should be your starting point?

Take a look at the problems below. When you see a set of problems that you don’t know how to do, place yourself into that class. Note: If you are a technical math student, you do not need to take math 97.

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| **MATH 090****Basic Math** | **Why take it?** If you are heading to Statistics or Math 101, you will need to be strong in fractions, decimals and percents. |
| Find the numerical answer to each of the following: |
| 1. $3+4\left(8-6\right)^{2}-10$
2. $2\frac{1}{3}+5\frac{3}{5}$
3. $14.08÷0.06$
4. If$ \frac{6}{11}=\frac{15}{x}$ , what is the value of x?
5. 15 is what percent of 72? (*Round answer to the hundredths.*)
 | 1. A 6 foot man standing next to a tree casts a 15 foot shadow. How tall is the tree if it casting a 120 foot shadow?
2. How many pints are in 6 gallons?
3. What is the area and circumference of a circle with a diameter of 3 meters?
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| **MATH 094****Beginning Algebra** | **Why take it?** If you never had a successful algebra experience, this is a chance to take more time with these topics. It is the pre requisite for technical math.  |
| 1. Find the numerical answer:

$$-\left(-5\right)-2\left(3-5\right)^{3}+(-10)$$1. What is the value of ($x^{2}-3x+2)$ when x= -1?
2. Simplify: $3\left(x-5\right)-7x$
3. Solve for *z*: $4\left(z+1\right)-4=z+7$
4. Solve for *x* and graph: $-2x+5\leq -7$
 | 1. Lee Chai makes $4000 more per year than his partner. If they make $98,000 together, how much does each person make?
2. Graph the linear equation: $3x+5y=15$
3. What is the slope and y-intercept of the equation$ y=-\frac{1}{3}x+2$ ?
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| **MATH 097****Essentials of Intermediate Algebra** | **Why take it?** If you are not in a technical program, this class is a pre-requisite for your college level math class or for math 99. |
| Please note: all of the problems listed above for math 94 will also be included in this course. The pace is much faster to allow for the additional topics shown below. |
| 1. Find the equation of the line that passes through the two points (-2, 3) and (4, -6).
2. Solve for *x* and *y*: $\left\{\begin{matrix}y=3x+5\\2x-y=-6\end{matrix}\right.$
3. One coffee sells for $14 per pound. Another sells for $8 per pound. How many pounds of each should be used to form a mixture of 60 pounds of coffee that sells for $10 per pound?
 | 1. Simplify: $\frac{6x^{-2}}{4x^{6}}$
2. Simplify: $\left(3x+1\right)\left(x-5\right)$
3. Simplify: $\left(x^{2}-5x+7\right)-(2x^{2}+7x-3)$
4. Factor by grouping: $3xy-15x+4y-20$
5. Solve for *x*: $x^{2}-2x-12=0$
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