

## Mth 212

## Factors & Multiples Skills Test

You are **required** to pass a Factors and Multiples Skills Test in Mth212. There are 22 problems. You must get at least 18 of them correct to pass the Factors and Multiples Skills Test. You have 30 minutes in which to do this. YOU MAY NOT USE A CALCULATOR. You may use as much scratch paper as you wish.

The test covers factoring whole numbers into primes, finding the Greatest Common Factor (GCF) of sets of whole numbers, and finding the Least Common Multiple (LCM) of sets of whole numbers. If you know the tests for divisibility by 2, 3, 4, 5 and 10, the Factors and Multiples Skills Test will be considerably simpler.

A small amount of time will be provided in class to prepare for the Factors and Multiples Skills Test. However, most of your preparation was done in Mth211. You will receive a Practice Factors and Multiples Skills Test and you should do this practice several times until you are **extremely** comfortable with the problems.

One-half hour of class time during the first or second week of the term will be used to administer the Factors and Multiples Skills Test to your class. (See your class schedule.) If you pass it at that time you will receive 10 points of extra credit towards your Mth212 grade. If you do not pass it you will need to retake it. In order to do a retake you must call Sharon Priace, the math department office manager, at 503-838-8465 to make an appointment. There will be NO more class time spent on the Factors and Multiples Skills Test in Mth212.

If you pass the test after the initial class offering but before the end of the fourth week of the term you will receive 5 points extra credit towards your grade in Mth212.

**YOU MUST PASS THE FACTORS AND MULTIPLES SKILLS TEST  
ON OR BEFORE FRIDAY OF DEAD WEEK.**

**IF YOU DO NOT, YOU WILL NEED TO RETAKE MTH212.**

If you retake the Factors and Multiples Skills Test and do not pass it, you should get some help! Immediately! You can see your instructor, use the Tutoring Center, ask another (more skilled) student, and/or review your Mth211 work from Chapter Four in the text.

After three retakes of the Factors and Multiples Skills Test, if you have still not passed, Sharyne will give you a Retake Permission Slip. You are **required** to take this slip to your instructor before you can proceed. Your instructor will provide you with additional, individual assistance and will then write the number of times you can continue retaking the Factors and Multiples Skills Test on the Retake Permission Slip. You must present the completed Retake Permission Slip to Sharyne before further retesting can occur. This process will repeat until you have passed the Factors and Multiples Skills Test or until Dead Week ends, whichever comes first.

If you have any questions now is the time to ask! You are encouraged to contact your instructor:

Email: [fleschb@wou.edu](mailto:fleschb@wou.edu)  
Office Phone: 503-838-9489

**DO NOT DELAY PREPARATION FOR THE FACTORS AND MULTIPLES SKILLS TEST!!!**