



FOUNDATIONS & PRE-CALC MATH 10

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Remind Messages:

**text @math10msz
to the number
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COURSE INFO

TEXTBOOK: *THEORY & PROBLEMS FOR FOUNDATIONS OF MATHEMATICS & PRE-CALC 10 (3RD EDITION)*

GRADE DISTRIBUTION:

TERM GRADES

| | |
|---------------------|-----|
| Bell Ringer Journal | 5% |
| Homework/Notebook | 15% |
| Quizzes | 15% |
| Tests | 55% |
| Midterm | 10% |

FINAL GRADE

| | |
|-------------|-----|
| Cumulative | 80% |
| Term Grades | |
| Final Exam | 20% |

EXPECTATIONS: To ensure that you obtain **maximum benefit** from this course, the following minimal standards are expected from each student:

- ✓ Regular attendance
- ✓ Arrive to class on time & prepared to work.
- ✓ Report to class with all necessary books and supplies.
- ✓ Complete each assignment to the best of your ability
- ✓ Submit assignments on time.
- ✓ Always exhibit responsible, cooperative, and respectable behavior.
- ✓ Come to class with a positive and mature attitude and be prepared to work hard!

TEXTBOOK: With the NEW BC Curriculum for Foundations & Pre-Calc 10, I will be using a textbook/workbook. Students have the option to **purchase their own copy for \$27 (paid by Friday Sept 7th)** or borrow the old edition from the library at no cost. This workbook is strongly recommended as it contains updated chapters & allows you to do all of your work IN the book including ample review material.

CELL PHONE POLICY: Unless otherwise instructed, my classroom is a **no phone zone!** Having a phone out in class is a distraction to your learning, disruptive for students around you, and disrespectful to your teacher. Cell phones should be on **silent & handed in during class.** Students will be presented with a **cell phone stamp card** where, when completed, students can elect to **omit a quiz mark!** This card will be stamped by your teacher each lesson your phone is handed in. Consequently, if a student is using their phone without permission, it will be confiscated and remain in storage for the duration of the class. If repeated offences occur, contact will be made home and/or admin notified.

Exceptions: Phones may be used as cameras to document observations during specialized activities or assignment work. May be used when instructed by a teacher for a Khoot Quiz.

GRADES: Grades will be updated as soon as possible following tests, quizzes, assignments, etc. They will be posted by student number on the class website. Alternatively, students can create a MyEd. BC account and check marks at any time.

WEBPAGE: The Math 10 webpage contains everything you need for the course, including a course calendar, notes, notes keys, worksheets, worksheet keys, assignments, and any general info such as this outline, homework/notebook cover page, marking rubrics etc. The webpage is very important if you are absent. You can access what you missed that day (*get the notes, access the homework*) to stay caught up. I will also post videos and animations available that support the concepts in the course. My webpage is **www.misszukowski.weebly.com** and can be accessed through the school webpage.

REMIND: Be sure that you **join the class Remind app** to receive notifications of homework, upcoming quizzes & tests, etc. The class codes are on the *previous page & can also be found on the class website*.

ABSENCES: It is your responsibility to find out what was missed (*hint: remind app*) and take the proper steps to catch up! Check the remind app & the class webpage. Access the notes and assignment from my webpage. If you miss classes leading up to a test, you are still required to write the test on test day – come to focus block to get prepared. Absences for quizzes or tests ***must*** be supported by a note from a parent or guardian. ***If a valid excuse is not provided, you will not be permitted to make up the quiz/test.*** Pattern behavior will result in a referral to the administrative team.

QUIZZES: You will always be informed of a quiz (usually 2-3 days in advance). There will likely be several quizzes per unit, this depends on the length of the particular unit. If you miss a quiz without a valid excuse, you will not write it at a later date, you will simply get the quiz to complete as a worksheet. Your quiz will *only be omitted* if your absence was excused by a parent/guardian note, phone call or email.

TESTS: Are written at the completion of each unit and are always given at least 1 week notice and listed on the class webpage. Be responsible and prepare for tests! Begin studying multiple days in advance. You will often be given 1 class lesson to review-pending the pace of the course. If a test is not written due to absence, a ***note from home is required*** and you will write the test on your **first day back at school**.

CORRECTIONS: You are provided with the opportunity to do quiz ***corrections***. Corrections on quizzes will be awarded +1/2 mark each & are to be submitted with the Unit Notebook, neatly on a separate page. Corrections must be *completed on a separate page, original questions written out in pen in full, and the correct answer all in pencil.*

RE-TESTS: I DO understand the pressure of tests & your innate desire to do well! Sometimes we don't do as well as we had hoped. That's why you are allowed 1 re-test each term (*1 at the time of the Midterm, and 1 before the Final Exam*). Students will need to sign-up for a particular re-test in advance, which will be given in class on a *day specified by your teacher only.* Study hard & prepare appropriately for the re-test...because **your re-test mark becomes your new mark**

regardless of if it is higher or lower than your original score. Re-tests are to save you when you “had a bad day”, they are **not** a back-up plan when you didn’t appropriately prepare for a test. For this reason, re-tests are **scaled out of 90%**. (*ie: if you scored 100% on the re-test, your mark will show 90%*)

HOMEWORK: Assignments will be given daily and will be checked the following lesson for completion. At the end of each unit homework marks are totaled for grading. Late homework assignments are to be submitted with the Unit Notebook, at the completion of the unit.

BELL-RINGER JOURNAL: Each lesson will begin with a short, focused activity to strengthen mathematical reasoning and critical thinking skills. Active participation in journaling is marked at the end of each unit, so it is important that you arrive to class on time, and catch up if you have missed work.

UNIT NOTEBOOK: Class notes, worksheets, vocab & formula list, homework assignments, quiz corrections, etc are all submitted in a package with a Unit Notebook Cover Page (copies on website & in classroom) on the day of the Unit Test. This is part of your homework grade, thus late submissions will lose marks accordingly (**see Unit Notebook Cover page for details*)

3 things to live by in Math 10:

1. Work hard & Don’t complain. If you listen, try your best in class, and complete your homework daily, your chances of success greatly increase. If you have a problem, suggestion, or you believe there has been a mistake, come speak to me privately and in a mature manner.

2. Be responsible for your work and preparation. Be aware of what is going on in the class with assignments, quizzes, tests, and the respective due dates. You know test dates a well in advance. If you are having trouble, seek extra help at Learning over Lunch. If absent, get caught up ASAP!

3. I am here to teach you & support you. If you are struggling with content or facing anxiety, please do not hesitate to come speak to me...I am a human, I am approachable, and I will do everything I can to help.

MATH 10 LEARNING OUTCOMES:

Radicals & Real Numbers:

- prime factorization
- rational & irrational numbers & squares
- operations on powers with integral exponents

Polynomials:

- polynomial factoring
- multiplication of polynomial expressions
- Trinomials & difference of squares

Relations & Functions:

- connecting data, graphs, and situations
- domain & range
- function notation

Linear Functions:

- slope & rate of change
- parallel & perpendicular lines
- connecting graphs & tables

Linear Equations:

- types of equations of lines
- linear applications

Solving Linear Systems

- solving systems with two variables
- arithmetic sequences & series

Finance

- financial literacy: gross and net pay
- simple & compound interest

Trigonometry

- trig. ratios (*sine, cosine, tangent*)
- special angles
- applications of trigonometry

