Number Relations & Functions 10

SEMESTER One: Feb. 3, 2017 – June 2017

Teacher: M. O'Keefe

Websites:

Homework/Daily lessons   **http://blackville.nbed.nb.ca**   *(Teachers pages)*

Online Text Book   www.pearsoncanada.ca/fpcmath10
- Select **Log In Now** from the **Interactive eBook** menu
  - Login Name: **NBnrf10**
  - Password: **mathnrf10**

Topics

Chapter 3: Factors and Products   (13 days)

- Prime factors, Greatest Common Factors, Least Common Multiples

- Monomials, Binomials, Trinomials, Substitution, Multiplication of Polynomials, Common factors of Polynomials, Trinomial Factoring, Difference of Squares

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Chapter 4: Roots and Powers   (12 days)

- Irrational Numbers, Real Number System, Radicals

- Laws of Exponents

Chapter 6: Linear Functions   (22 days)

- Slope, parallel/perpendicular lines, x and y intercepts, domain and range

- Equations of a line

- Linear relations
  - Dependent/Independent Variables
  - Equations, ordered pairs,

Chapter 5: Relations and Functions   (13 days)

- Analyzing Data, Graphs & Situations,

- Domain/range, discrete/continuous, functions/non-functions comparison

- Linear relations
  - Dependent/Independent Variables
  - Equations, ordered pairs, linear situations
  - Relations and Functions (f(x))

Chapter 7: Systems of Linear Equations   (11 days)

- Modeling situations, point of intersection
- Problem solving

Supplement: Distance / Midpoint   (8 days)

- Distance between points

EVALUATION:

Test/Quizzes/ Assignments	70%
Exam	30%

*Homework will be checked on a regular basis and is considered an "assignment".
SO HOMEWORK COUNTS AND MUST BE DONE

Expectations:

Expectation is to follow the school rules, come to class prepare to do work. Everything that is done on the board is a part of your notes and must be written down.
You are expected to bring your notebooks, pencils and calculators every day. (No Phones)

Attendance:

If you miss a day it is your responsibility to get caught up.
Notes and lessons will be posted on line but you are still expected to copy the material I go over in class into your notebooks.

- Go to **http://blackville.nbed.nb.ca** and click on my name under "Teacher's Pages"

o Extra help is available upon request, after school at the student's request. (I have middle school lunch hour, so there will be no extra help at high school lunchtime.)

Attendance Incentive:

- If a student misses 5 or less days in **this class** then they will be able to

  o Have their exam worth half of the original value   (15% Math 10)

    Or

  o Have a 100% final
  o Must have all test, quizzes and assignments completed