

Math 20-1 Online Tutorial

Instructor: Barb Gajdos

*Barb is a certified Alberta teacher and
Math 20-1 textbook contributor*

We will be covering all of the essential topics you need for Math 30-1 through an interactive online classroom. These classes will occur in real-time so you can communicate with your instructor and classmates. Each class will be recorded so you can access any classes you missed or be able to watch any class again.

Online Class Schedule (23 classes), each running 3:30-4:30, followed by a 15-minute Q&A

JOIN ANYTIME! Students can sign-up and join anytime, even past our starting date of April 8th. (Recordings will be made for each class and full access provided upon registration). If you have already seen a topic in your class previously feel free to join again for a refresher or simply pick up the schedule when we are covering material that is new to you.

Trigonometry

1	Angles in Standard Position and Special Triangles	Wed, April 8 th	3	Sine and Cosine Law	Tue, April 14 th
2	Solving Trig Equations	Thur, April 9 th			

Quadratics

1	Quadratic Functions: effects of a, p, q	Wed, April 15 th	4	Review of Factoring and solving quad. equations by factoring	Tue, April 21 st
2	Graphing in vertex form and finding the graph equation	Thur, April 16 th	5	Quadratic Formula and completing the square	Wed, April 22 nd
3	Completing the square and graphing in standard form	Mon, April 20 th			

Rational Expressions and Equations

1	Simplifying Rational Functions and NPV	Mon April 27 th	4	Solving Rational Equations	Mon May 4 th
2	Adding and Subtracting Rational Functions	Tue, April 28 th	5	Reciprocal Functions - Linear	Tue May 5 th
3	Multiplying and Dividing Rational Functions	Wed April 29 th	6	Reciprocal Functions - Quadratic	Wed May 6 th

Radical Expressions and Equations

1	Simplifying Radical Functions and NPV	Mon May 11 th	3	Dividing Radical Functions	Wed May 13 th
2	Adding, Subtracting and Multiplying Radical Functions	Tue May 12 th	4	Solving Radical Equations	Tue May 19 th

Piecewise Functions

1	Introduction to Absolute Value Functions and solving graphically	Wed May 20 th	2	Writing Piecewise Functions and solving algebraically	Thur May 21 st
---	--	--------------------------	---	---	---------------------------

Systems of Equations and Inequalities

1	Solving Systems of Equations Graphically	Mon, May 25 th	3	Solving Inequalities Algebraically	Wed, May 27 th
2	Solving Systems of Equations Algebraically	Tue, May 26 th			

