

## Pre-Calc 20

- 1.1 Arithmetic Sequences - <http://www.youtube.com/watch?v=7Yd95B0wwTM>
- 1.2 Arithmetic Series - <http://www.youtube.com/watch?v=cbaqOm6gqKE>
- 1.3 Geometric Sequences - <http://www.youtube.com/watch?v=5tVH5KI1Yyo>
- 1.4 Geometric Series - <http://www.youtube.com/watch?v=kL3ZItCDmGQ>
- 1.5 Infinite Geometric Series - <http://www.youtube.com/watch?v=Sy4Omyta-QE>
  
- 2.1 Angles in Standard Position - <http://www.youtube.com/watch?v=SPOyjn1cQ48>
- 2.2 Trigonometric Ratios of Any Angle - <http://www.youtube.com/watch?v=zwT9in42nos>
- 2.3 The Sine Law - <http://www.youtube.com/watch?v=rSciajl9gKk>
- 2.3 The Sine Law – The Ambiguous Case Part II - <http://www.youtube.com/watch?v=OMJCsy1sHNs>
- 2.4 The Cosine Law - <http://www.youtube.com/watch?v=5xdnPTLkqQ>
  
- 3.1 - Quadratic Functions in Vertex Form Part I - <http://www.youtube.com/watch?v=wOuY2ZqYuiQ>
- 3.1 – Quadratic Functions in Vertex Form Part II - <http://www.youtube.com/watch?v=dJFp-8MJrfM>
- 3.2 Quadratic Functions in Standard Form Part I - <http://www.youtube.com/watch?v=gki9AkCINOO>
- 3.2 Quadratic Functions in Standard Form Part II - <http://www.youtube.com/watch?v=jkmgxby2cdl>
- 3.3 Completing the Square - <http://www.youtube.com/watch?v=t3BEf88ZT0c>
  
- 4.1 Graphical Solutions of Quadratic Equations - <http://www.youtube.com/watch?v=ojmePWvfE2M>
- 4.2 Factoring Quadratic Equations - <http://www.youtube.com/watch?v=wiRK6Poe-nA>
- 4.3 Solving Quadratic Equations by Completing the Square - <http://www.youtube.com/watch?v=1KNRTePWuj8>
- 4.4 The Quadratic Formula - <http://www.youtube.com/watch?v=vaOs89bumpQ>
  
- 5.1 Radical Expressions and Equations - <http://www.youtube.com/watch?v=FyQ3A9zMscY>

5.2 Multiplying and Dividing Radical Expressions - <http://www.youtube.com/watch?v=NoOjEpVs2iM>

5.3 Radical Equations - <http://www.youtube.com/watch?v=Nmw9UmRpdSY>

6.1 Rational Expressions and Equations - <http://www.youtube.com/watch?v=dCeT0e230yc>

6.2 Multiplying and Dividing Rational Expressions - <http://www.youtube.com/watch?v=9Os0fYaBFgk>

6.3 Adding and Subtracting Rational Expressions - <http://www.youtube.com/watch?v=9MvWtmNT6g0>

6.4 Rational Equations Part I - [http://www.youtube.com/watch?v=l1ENbB\\_OTw8](http://www.youtube.com/watch?v=l1ENbB_OTw8)

6.4 Rational Equations Part II - <http://www.youtube.com/watch?v=RGjnRTpofVE>

7.1 Absolute Value and Reciprocal Functions - [http://www.youtube.com/watch?v=Ce7F\\_uOhHBY](http://www.youtube.com/watch?v=Ce7F_uOhHBY)

7.2 Absolute Value functions - <http://www.youtube.com/watch?v=une7PMrR56s>

7.3 Absolute value Equations - <http://www.youtube.com/watch?v=Bnp4ErAZ3Rw>

7.4 Reciprocal Functions - [http://www.youtube.com/watch?v=UxW3p5N\\_ijg](http://www.youtube.com/watch?v=UxW3p5N_ijg)

8.1 Solving Systems of Equations Graphically - <http://www.youtube.com/watch?v=QVOV5BttxrQ>

8.2 Solving Systems of Equations Algebraically - <http://www.youtube.com/watch?v=6VdOSeN3sdA>

9.1 Linear and Quadratic Inequalities - <http://www.youtube.com/watch?v=DK2E6sT6tl>

9.2 Quadratic inequalities in One Variable - <http://www.youtube.com/watch?v=plmquRkKvKg>

9.3 Quadratic Inequalities in Two Variables - <http://www.youtube.com/watch?v=72zQ1Mwfb8g>