

**Videos – Rational Expressions and Equations  
(Chapter 6)**

Introduction to Polynomials	5:07	<a href="https://www.youtube.com/watch?v=8Ui2B9l12dU">https://www.youtube.com/watch?v=8Ui2B9l12dU</a>
Introduction to Rational Expressions	1:40	<a href="https://www.youtube.com/watch?v=0YypiTauGYA">https://www.youtube.com/watch?v=0YypiTauGYA</a>
Non-permissible Values	3:19	<a href="https://www.youtube.com/watch?v=EZECVnzKgQg">https://www.youtube.com/watch?v=EZECVnzKgQg</a>
Rational Expressions and NPVs	3:56	<a href="https://www.youtube.com/watch?v=l9wrkeXsptY">https://www.youtube.com/watch?v=l9wrkeXsptY</a>
Why Can't You Divide by Zero?	4:50	<a href="https://www.youtube.com/watch?v=NKmGVE85GUU">https://www.youtube.com/watch?v=NKmGVE85GUU</a>
Dividing Powers (review)	3:08	<a href="https://www.youtube.com/watch?v=-BiRfq4FeWk">https://www.youtube.com/watch?v=-BiRfq4FeWk</a>
Reducing Fractions to Lowest Terms	3:18	<a href="https://www.youtube.com/watch?v=PFOVuIYOKvl">https://www.youtube.com/watch?v=PFOVuIYOKvl</a>
Simplifying Monomial Rational Expressions	4:19	<a href="https://www.youtube.com/watch?v=MWsQXHKVL4U">https://www.youtube.com/watch?v=MWsQXHKVL4U</a>
A Common Mistake to Avoid	3:21	<a href="https://www.youtube.com/watch?v=FEKTjFu0v-Q">https://www.youtube.com/watch?v=FEKTjFu0v-Q</a>
Simplifying Binomial Rational Expressions	2:19	<a href="https://www.youtube.com/watch?v=INtVmwER_6I">https://www.youtube.com/watch?v=INtVmwER_6I</a>
Simplifying Rational Expressions	3:35	<a href="https://www.youtube.com/watch?v=34GtLDZE4c">https://www.youtube.com/watch?v=34GtLDZE4c</a>
Equivalent Rational Expressions	2:03	<a href="https://www.youtube.com/watch?v=LqDldbjGWpl">https://www.youtube.com/watch?v=LqDldbjGWpl</a>
Simplifying Expressions and NPVs	3:14	<a href="https://www.youtube.com/watch?v=3t_Xl0gRAM">https://www.youtube.com/watch?v=3t_Xl0gRAM</a>
Multiplying a Fraction by a Fraction	4:08	<a href="https://www.youtube.com/watch?v=zry4SRX7We0">https://www.youtube.com/watch?v=zry4SRX7We0</a>
Multiplying Powers (review)	3:01	<a href="https://www.youtube.com/watch?v=uOvPNrCwQJY">https://www.youtube.com/watch?v=uOvPNrCwQJY</a>
Multiplying Rational Expressions	2:18	<a href="https://www.youtube.com/watch?v=IDfoEn5Ym7A">https://www.youtube.com/watch?v=IDfoEn5Ym7A</a>
Multiplying Larger Rational Expressions	2:13	<a href="https://www.youtube.com/watch?v=gWND-dV2P2c">https://www.youtube.com/watch?v=gWND-dV2P2c</a>
Dividing by a Fraction	7:02	<a href="https://www.youtube.com/watch?v=gg1gBZlBv90">https://www.youtube.com/watch?v=gg1gBZlBv90</a>
Rational Expressions and Division	2:50	<a href="https://www.youtube.com/watch?v=TVEQzyX200I">https://www.youtube.com/watch?v=TVEQzyX200I</a>
Adding or Subtracting Fractions with Different Denominators	6:39	<a href="https://www.youtube.com/watch?v=EbWuBI1hL-Y">https://www.youtube.com/watch?v=EbWuBI1hL-Y</a>
Finding the Lowest Common Multiple (LCM)	2:37	<a href="https://www.youtube.com/watch?v=LB22PaclAjM">https://www.youtube.com/watch?v=LB22PaclAjM</a>
Adding or Subtracting Rational Expressions	2:34	<a href="https://www.youtube.com/watch?v=EPFN74op2dg">https://www.youtube.com/watch?v=EPFN74op2dg</a>

Adding Rational Expressions Example – Hard	7:28	<a href="https://www.youtube.com/watch?v=x0FC1_s_Odo">https://www.youtube.com/watch?v=x0FC1_s_Odo</a>
Subtracting Rational Expressions	2:36	<a href="https://www.youtube.com/watch?v=uclY8RlyRqM">https://www.youtube.com/watch?v=uclY8RlyRqM</a>
Adding & Subtracting Rational Expressions	2:40	<a href="https://www.youtube.com/watch?v=PzzqMPWJtWA">https://www.youtube.com/watch?v=PzzqMPWJtWA</a>
Combined Operations of Rational Expressions	7:36	<a href="https://www.youtube.com/watch?v=Q_WLlGmY8o">https://www.youtube.com/watch?v=Q_WLlGmY8o</a>
Equation Solving Review - 1	5:45	<a href="https://www.youtube.com/watch?v=xEg_4EpZGIY">https://www.youtube.com/watch?v=xEg_4EpZGIY</a>
Equation Solving Review – 2	5:22	<a href="https://www.youtube.com/watch?v=RNZ1yWscimE">https://www.youtube.com/watch?v=RNZ1yWscimE</a>
Solving Rational Equations (part 1)	2:32	<a href="https://www.youtube.com/watch?v=rsilZjUV0aM">https://www.youtube.com/watch?v=rsilZjUV0aM</a>
Solving Rational Equations (part 2)	2:20	<a href="https://www.youtube.com/watch?v=GCRnT_Zk85I">https://www.youtube.com/watch?v=GCRnT_Zk85I</a>
Extraneous Roots	5:18	<a href="https://www.youtube.com/watch?v=BF1NdxsndxI">https://www.youtube.com/watch?v=BF1NdxsndxI</a>
Rational Equation Application Question 1	4:12	<a href="https://www.youtube.com/watch?v=cA-pC38cxJs">https://www.youtube.com/watch?v=cA-pC38cxJs</a>
Rational Equation Application Question 2	5:50	<a href="https://www.youtube.com/watch?v=fnc5NJOqFb0">https://www.youtube.com/watch?v=fnc5NJOqFb0</a>