

Index of Tricks by Standards

Sorted by the Common Core State Standards.

Highlighted \Rightarrow *New to Second Edition*

- 1.OA.A.2 Section 2.1 **Total Means Add**
- 2.NBT.B.9 Section 2.2 **Bigger Bottom, Better Borrow**
- 3.MD.D.8 Section 4.1 **Perimeter is the Outside**
- 3.G.A.1 Section 4.2 **Rectangles Have Two Long Sides and Two Short Sides**
- 3.G.A.1 Section 4.3 **Squares Have Four Equal Sides**
- 3.OA.B.5 Section 2.3 Add a Zero (Multiplying by 10)
- 3.NBT.A.1 Section 2.4 **Five or More Go up a Floor, aka 0-4 Hit the Floor, 5-9 Make the Climb**
- 4.G.A.1 Section 4.4 **Obtuse Angles are Big**
- 4.MD.A.3 Section 4.7 Area of Quadrilaterals, Triangles
- 4.NBT.A.2 Section 6.1 'Hungry' Inequality Symbols
- 4.NBT.B.5 Section 2.5 **Turtle Multiplication**
- 4.NBT.B.6 Section 2.6 **Does McDonald's Sell Cheeseburgers, aka Dad, Mom, Sister, Brother**
- 5.OA.A.1 Section 2.8 PEMDAS, BIDMAS
- 5.NBT.B.7 Section 2.7 Ball to the Wall
- 5.NF.A.1 Section 3.1 Butterfly Method, Jesus Fish
- 5.NF.B.3 Section 3.2 **The Man on the Horse**
- 5.NF.B.3 Section 3.3 **Make Mixed Numbers MAD**
- 5.NF.B.3 Section 3.4 **Backflip and Cartwheel**
- 6.EE.B.7 Section 6.2 Take/Move to the Other Side
- 6.EE.B.7 Section 6.3 Switch the Side, Switch the Sign
- 6.NS.A.1 Section 3.5 Cross Multiply (Fraction Division)
- 6.NS.A.1 Section 3.7 Flip and Multiply, Same-Change-Flip
- 6.NS.C.7 Section 5.1 **Absolute Value Makes a Number Positive**
- 6.RP.A.3 Section 3.8 **Dr. Pepper**
- 6.RP.A.3 Section 3.9 **New Formulas for Each Conversion**
- 6.RP.A.3 Section 3.10 **Formula Triangle**

7.EE.B.4	Section 6.5 Follow the Arrow (Graphing Inequalities)
7.G.B.6	Section 4.8 Surface Area
7.G.B.6	Section 4.9 Volume
7.NS.A.1	Section 5.2 Same-Change-Change, Keep-Change-Change
7.NS.A.1	Section 5.3 Two Negatives Make a Positive (Integer Subtraction)
7.NS.A.2	Section 5.4 Two Negatives Make a Positive (Integer Multiplication)
7.NS.A.2	Section 7.2 OK vs. NO Slope
7.RP.A.3	Section 3.6 Cross Multiply (Solving Proportions)
8.EE.A.2	Section 6.6 The Square Root and the Square Cancel
8.EE.A.4	Section 5.5 Move the Decimal (Scientific Notation)
8.EE.B.5	Section 7.1 Rise over Run as the Definition of Slope
8.F.A.3	Section 7.3 What is b ?
8.G.B.7	Section 4.5 $a^2 + b^2 = c^2$
8.G.B.8	Section 4.10 Distance Formula
A-APR.D.6	Section 3.11 Outers over Inners
A-APR.D.6	Section 7.8 Synthetic Division
A-REI.B.3	Section 6.7 Land of Gor
A-REI.B.4	Section 6.8 Slide and Divide, aka Throw the Football
A-SSE.A.2	Section 7.6 FOIL
F-BF.B.5	Section 6.8 Log Circle
F-BF.B.5	Section 6.9 The Log and the Exponent Cancel
F-IF.C.7	Section 7.4 The Inside Does the Opposite
F-TF.A.2	Section 7.5 All Students Take Calculus
G-SRT.C.8	Section 4.6 The Angle of Inclination Is the Same as the Angle of Depression
N-RN.A.2	Section 5.6 Jailbreak Radicals, aka You Need a Partner to Go to the Party
N-RN.A.2	Section 5.7 Exponent Over Radical
SMP 6	Section 6.4 Cancel