

CSM - TABLE of CONTENTS - "QUICK FIND" (v11-0905)

CSM Online Workouts & Tutorials

(DVD Workouts are only available for CSM 1-8)

CSM 1 (Blue DVD)

- 1-1 Multiplication Facts 1 (0-12's)
- 1-2 Multiplication Facts 2 (0-12's)
- 1-3 Multiplication Facts 3 (0-12's)
- 1-4 Division Facts 1 (1-12's)
- 1-5 Division Facts 2 (1-12's)
- 1-6 Mental Math Split & Solve w/Properties
- 1-7 Mental Math Group & Order w/Properties
- 1-8 Mental Math Zero Strategy w/Properties
- 1-9 Mental Math Short-Cut Division

See CSM 8 (Gray) for Elementary Versions of CSM 1

CSM 2 (Purple DVD)

- 2-1a-f Measurement Basic Facts
a) Time b) Money c) Distance d) Mass e) Capacity f) ALL
- 2-2 Estimation - Whole Numbers & Decimals
- 2-3Aa-f Place Value - Digit Placement (thousandths - 900,000)
- 2-3Ba-c Place Value - Words to Numbers (thousandths - trillions)
- 2-4a-c Compare #'s with $<$, $>$, $=$ (thousandths - trillions)
- 2-5a,b Divisibility Rules a) 2, 3, 5, 10 b) 2, 3, 5, 6, 9, 10
- 2-6 Fractions, Decimals and Percents
- 2-7a-c Percent of Numbers ($< 100\%$ & $> 100\%$)
- 2-8 Order of Operations
- 2-9a,b Exponents, Squares, Cubes, Square Roots, Cube Roots
- 2-10 Identify Basic Properties
- 2-11a-d Zero Strategy w/ Decimals (\times & \div by 10; 100; 1000)

CSM 3 (Orange DVD)

- 3-1a-e Prime & Composite Numbers
- 3-2a-c Scientific Notation - positive & negative Powers of 10
- 3-3 Identify Multiples & Factors
- 3-4a-d Lowest Terms
- 3-5 Common Denominators
- 3-6 Mixed Numbers & Improper Fractions
- 3-7a-d Compare Fractions & Decimals with $<$, $>$, $=$
- 3-8 Estimate Fractions
- 3-9 Ratios, Rates & Unit Rates
- 3-10A Proportionality - Equal or Not Equal
- 3-10B Proportionality - Find Missing Terms
- 3-11 Using Proportions - Scale & Measurement

CSM 4 (Yellow DVD)

- 4-1a Estimate / Sensible Measures (Customary)
- 4-1b Estimate / Sensible Measures (Metric)
- 4-1c Estimate / Sensible Measures (Customary & Metric)
- 4-2 Convert Metric
- 4-3 Convert Customary
- 4-4 Convert & Compare Measures
- 4-5 Identify Perimeter, Area, Volume, Surface Area
- 4-6a,b Order & Compare Integers with $<$, $>$, $=$
- 4-7 Coordinate System - Quadrants & Ordered Pairs
- 4-8a,b Transformations (simple and detailed)
- 4-9a,b Mean, Mode, Median, Range

CSM 5 (Green DVD)

- 5-1 Naming Lines & Angles
- 5-2 Classify Angles (acute, right, obtuse, straight)
- 5-3a-c Complementary and Supplementary Angles
- 5-4 Identify Polygons
- 5-5 Congruent and Similar Figures
- 5-6 Corresponding Sides and Angles
- 5-7 Missing Angles
- 5-8a-c Classify Triangles
- 5-9a Shapes to Formulas (Squares, Rectangles, Triangles)
- 5-9b Shapes to Formulas (plus Parallelograms, V, SA)
- 5-9c Shapes to Formulas (plus Trapezoids & Circles)
- 5-10a-c Formulas to Shapes (same as above)
- 5-11 Polyhedron and Cylinder Nets

CSM 6 (Pink DVD)

- 6-1a-d Adding Integers
a) -5 to 5 b) -10 to 10 c) -20 to 20 d) -200 to 200
- 6-2a-d Subtracting Integers
a) -5 to 5 b) -10 to 10 c) -20 to 20 d) -200 to 200
- 6-3a-c Multiplying Integers a) -5 to 5 b) -10 to 10 c) -20 to 20
- 6-4a-c Dividing Integers a) -5 to 5 b) -10 to 10 c) -20 to 20
- 6-5 Absolute Value
- 6-6 Using the Distributive Property with Integers
- 6-7 1-Step Equations with Integers
- 6-8 Simplify Monomials - Multiplication & Division
- 6-9 Combine Like Terms (including Distributive Property)

CSM 7 (Brown DVD)

- 7-1 Group & Order with Decimals (Addition)
- 7-2A Decimals - Digits L & R of Decimal (x & / by .1; .01; .001)
- 7-2B Decimals - Short-Cut get Answer (x & / by .1; .01; .001)
- 7-3 Multiply Fractions
- 7-4 Divide Fractions
- 7-5A Distribute with Whole #s
- 7-5B Undistribute or Factor Whole #s
- 7-6 Distribute with Fractions
- 7-7a-c 1- & 2- Step Equations (Whole #s)
- 7-8 2- Step Equations (Integers)
- 7-9a ID Patterns / Slope
- 7-9b ID 0th Terms / y-Intercept
- 7-9c nth term Rule ($y=mx + b$)
- 7-10 Identify Slope & y-Intercept from Equations
- 7-11 Find Slope from 2 Points
- 7-12 Square 2-Digit Numbers - Short-Cut
- 7-13 Multiply Binomials
- 7-14 Factor 2nd Degree Polynomials

CSM 8 (Gray DVD)

- *Online Only Extra Workouts*
- *8-0A,B (a-f) Addition Facts - Individual by one common addend
 - *8-0C,D (a-f) Multiplication Facts - Individual by one common factor
 - *8-0E,F (a-f) Subtraction Facts - Individual with one common minuend
 - *8-0G,H (a-f) Division Facts - Individual by one common divisor
- 8-1a,b Addition Facts a(0's to 5's); b(6's to 10's)
 - 8-1c,d Addition Facts c(10's to 20's); d(0's to 20's)
 - 8-2a,b,c Subtraction Facts a(0's to 10's); b(11's to 20's); c(1's to 20's)
 - 8-3 Combinations of 9's & 10's (addition)
 - 8-4 Combinations of 100's (addition)
 - 8-5a,b Multiplication Facts a(0's to 5's); b(6's to 12's)
 - 8-6 Division Facts (1's to 10's)
 - 8-7 Mental Math - Split & Solve w/ Properties
 - 8-8 Mental Math - Group & Order w/ Properties
 - 8-9 Mental Math - Zero Strategy w/ Properties
 - 8-10 Mental Math - Short-Cut Division
 - 8-11 Compensation with Multiplication (Distributive Property)
 - 8-12 Fractions, %, Words, Visuals

DVD's not available for CSM 9 & 11

CSM 9

- 9-1a Basic Counting (Counting Pennies)
- 9-1b Counting Money with Properties (< 25 cents)
- 9-1c Counting Money with Properties (< 80 cents)
- 9-1d Counting Money with Properties (< 150 cents)
- 9-2 Expressions, Substitution & Variables
- 9-3a-c Multiplying 2-Digit Numbers (short-cut by 11's)
- 9-4A Predict Trends & Missing Data
- 9-4B Interval, Scale Changes & Misleading Graphs
- 9-5a Time: Analog to Digital & Words - Full Face (quarter hrs)
- 9-5b Time: Analog to Digital & Words - Full Face (5 minutes)
- 9-5c Time: Analog to Digital & Words - Partial Face (quarter hrs)
- 9-5d Time: Analog to Digital & Words - Partial Face (5 minutes)
- 9-5e Time: Digital & Words to Analog - (quarter hrs)
- 9-5f Time: Digital & Words to Analog - (5 minutes)
- 9-6a,b Simple Probability
- 9-7A Compound Probability - Identify Independent & Dependent
- 9-7B Compound Probability - Independent
- 9-7C Compound Probability - Dependent
- 9-8 Coming Soon
- 9-9 Convert Between Probability & Odds
- 9-10 Identify IF Side Measures Make a Triangle.
- 9-11A Pythagorean - Identify Right Triangles by Side Measures
- 9-11B Pythagorean - Missing Sides of Right Triangles
- 9-12A Identify Parallel & Perpendicular Lines by Slope
- 9-12B Write Parallel & Perpendicular Lines from Equation

CSM 11

- 11-1a-e Read Words, Write Numbers
a) 0-5; b) 0-10; c) 0- 20; d) 0-125; e) 0-1000
- 11-2 a-e Read Numbers, Write or Say Words
a) 0-5; b) 0-10; c) 0- 20; d) 0-125; e) 0-1000
- 11-3a-f Sequence by 1's (Missing Numbers & Patterns)
a) 0-5; b) 0-10; c) 0- 20; d) 0-125; e) 0-500; f) 0-1000
- 11-4a-e Sequence by 2's (Missing Numbers & Patterns)
a) 0-10; b) 0-20; c) 0- 124; d) 0-500; e) 0-1000
- 11-5a-e Sequence by 5's (Missing Numbers & Patterns)
a) 0-25; b) 0-50; c) 0-125; d) 0-500; e) 0-1000
- 11-6a-f Sequence by 10's (Missing Numbers & Patterns)
a) 0-100; b) 0-100; c) 0-500; d) 0-500; e) 0-1000; f) 0-1000
- 11-7 Coming Soon
- 11-8a-f Compare Whole Numbers (> , < , =)
a) 0-5; b) 0-10; c) 0- 20; d) 0-125; e) 0-1000; f) 0-10000
- 11-9a,b Spatial Patterns (Dice) a) 1-6; b) 2-12
- 11-9c,d Spatial Patterns (Dominoes) c) 0-6; d) 0-12
- 11-9e,f Spatial Patterns (Cards) e) 1 - 5; f) 1-10
- 11-10a,b Spatial Patterns (Pennies) a) 0-5; b) 0-9
- 11-11a Time: Analog to Digital & Words - Full Face (hours)
- 11-11b Time: Analog to Digital & Words - Full Face (half-hours)
- 11-11c Time: Analog to Digital & Words - Partial Face (hours)
- 11-11d Time: Analog to Digital & Words - Partial Face (half-hours)
- 11-11e Time: Digital & Words to Analog (hours)
- 11-11f Time: Digital & Words to Analog (half-hours)