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| **Date** | **Day** | **Topic** | **Handouts** | **Resources** |
| 7/11 | 1 | Area Investigation and Perfect Squares  | CW: [The Area of a Perfect Square](Notes%20-%20Discovering%20Perfect%20Squares%20%28Coherence%29%20%28W%29.docx)HW: Finish up your classwork for homework.  | [Unit 1 Vocabulary](file:///C%3A%5CUsers%5Ckkelley%5CDesktop%5Cccm8_Unit%201_Attachments%5Cccm8_unit1_vocab.docx)[Week 1 Warm-up Sheet](../CCM8%20Q1%20Spiral%20Warmups%2016-17%20FINAL/ccm8_qtr1_week1.docx) |
| 7/12 | 2 | Squares and Square Roots | CW: [Perfect Squares and Square Roots](Notes-%20%20Perfect%20Squares%2C%20Square%20Roots%20%28Coherence%29%20%28W%29.pdf)HW: [Evaluating Squares and Square Roots](classformative-squares.docx) | [Video: Squares and Square Roots](https://www.youtube.com/watch?v=ecqa6AEDqsA)[Game: Square Root Concentration](http://www.math-play.com/Square-Root-Concentration-Game/square-root-concentration-game.html)[Game: Square Sequence](https://campus.mangahigh.com/en-us/px/113/0/0) |
| 7/13 | 3 | Cubes and Cube Roots | CW: [Perfect Cubes and Cube Roots](Perfect%20Cubes%20and%20Cube%20Roots.pdf)HW: [Evaluating with Cubes and Cube Roots](Evaluating%20Cubes%20and%20Cube%20Roots.pdf) | [Video: Cubes and Cube Roots](https://www.youtube.com/watch?v=dVoZ9tnsFAE)[Game: Cubed Numbers](https://www.mangahigh.com/en-us/math_games/number/special_number_sequences/cube_numbers)[Game: Square and Cube Roots](https://www.mangahigh.com/en-us/math_games/number/exponents/square_and_cube_roots) |
| 7/14 | 4 | Estimating Square Roots (with and without a calculator) | CW: [Estimating Square Roots](../ccm8_Unit%201_Attachments/d5_estimatesqrt_ccm8_unit1.docx)HW: [Estimating Square Roots without a calculator](../ccm8_Unit%201_Attachments/d6_estimatesqrtw-ocalc_ccm8_unit1.docx) | [Video: Approximating Square Roots to the hundredths](https://www.khanacademy.org/math/pre-algebra/pre-algebra-exponents-radicals/pre-algebra-square-roots/v/approximating-square-roots)[Game: Estimating Square Roots](http://www.mathopolis.com/games/estimate-sqroot.php) |
| 7/17 | 5 | Estimating Cube Roots (with and without a calculator) | CW: [Estimating Cube Roots](http://onepageworksheets.com/wp-content/uploads/2015/08/Eighth-Grade-Pre-Algebra-Estimating-Cube-Roots-WKS-05.pdf)HW: Finish for homework | [Video: Estimating Cubic Roots](http://www.teachertube.com/video/lesson-7-estimating-cube-roots-to-the-nearest-301791)[IXL Estimating Cubic Roots](https://www.ixl.com/math/grade-8/estimate-cube-roots) |
| 7/18 | 6 | Comparing/Ordering Square Roots and Cube Roots on the Number Line | CW: [Comparing Square Roots](Comparing%20and%20ordering%20real%20numbers.pdf)HW: [Revisiting the Number Line](Revisiting%20the%20number%20line.pdf) | [Week 2 Warm-up Sheet](file:///C%3A%5CUsers%5Ckkelley%5CDesktop%5CCCM8%20Q1%20Spiral%20Warmups%2016-17%20FINAL%5Cccm8_qtr1_week2.docx)[Tic-Tac-Toe Squares](https://www.funbrain.com/games/tic-tac-toe-squares) |
| 7/19 | 7 | Solving Equations with Squares and Cubes | CW: [Squares and Cubes Classwork](Square%20and%20Cube%20Equations%201.html)HW: [Squares and Cubes Homework](Square%20and%20Cube%20Root%20Equations.pdf) | Video: [Solve an equation involving squares and cubes.](https://www.youtube.com/watch?v=xMcFtvsmJZE) |
| 7/20 | 8 | Application Problems with Square and Cube Roots | CW: [Square Root/Cube Root Problem Set](../ccm8_Unit%201_Attachments/d7-8_Square%20Root%20and%20Cube%20Root%20Problem%20Set_ccm8_unit1.doc)HW: [Solve Equations using Square and Cube Roots](Solve%20equations%20using%20squares-cubes.pdf) | Video: [Square Roots and Cube Roots Application Problems](https://www.youtube.com/watch?v=9vHN88n956U) |
| 7/21 | 9 | Unit 1 Review | [Unit 1 Study Guide](Unit1studyGuide.docx) | [Unit 1 Sample Problems](file:///C%3A%5CUsers%5Ckkelley%5CDesktop%5CUnit%201%20docs%5CUnit%201%20sample%20items.docx) |
| 7/24 | 10 | Unit 1 Quiz | No homework tonight |  |