Math 090
Chapter 7: BACK TO DECIMALS – COMBINE WITH FRACTIONS
Instructor: Sophia Georgiakaki

1. Review Division   **THREE DIGIT DIVISORS**
   - ✓ Divide $19,674 \div 438$
   - ✓ Divide $196.74 \div 43.8$
   - ✓ Divide $2,357 \div 386$

2. Decimals and   **POWERS OF TEN** MATH FACTS pages 125 – 126
   Powers of TEN   Divide by 10, 100, 1000
   Multiply by 10, 100, 1000
   Multiply by 0.1, 0.01, 0.001

3. Squares   **SQUARES, SQUARE AND RECTANGULAR NUMBERS,**
   Square Roots   **SQUARE ROOTS – DEFINITION/HINTS/How to find/TABLE**
   MATH FACTS pages 147 – 156
   Practice examples

4. Geometry   **AREA – CIRLCE, RECTANGLE, SQUARE, TRIANGLE**
   MATH FACTS pages 5 – 14
   PERIMETER
   CIRCLES – EXAMPLES, TERMS, AREA
   MATH FACTS pages 19 – 22
   CIRCUMFERENCE, DIAMETER, RADIUS
   GEOMETRIC SHAPES MATH FACTS pages 77 – 80
   PRACTICE: Constructing a House
   VOLUME: Rectangular prism, Cube, Cylinder

5. Applications   **Energy Bills, Electric Appliance Costs**

6. Mixed Operations **WORKBOOK** page 75
   RADICALS MATH FACTS pages 133 – 134

7. Pythagorean   **PYTHAGOREAN THEOREM** MATH FACTS pages 131 – 132
   Theorem

8. Scientific Notation **SCIENTIFIC NOTATION** MATH FACTS pages 143 – 144
   ORDER OF MAGNITUDE MATH FACTS pages 169 – 170

PREPARE FOR THE QUIZ AT HOME:
WORKBOOK pages 75 ⇨ 80B
WORKBOOK Practice Quiz #7 pages 81 & 82
There will be review questions on this Quiz coming up (whole numbers, order of operations, fractions, mixed numbers, and decimals), as well as, word problems.