Home School Partners
Math Tips, Tricks, and Mental Calculations – Week 2:
QUICK REFERENCE: Converting Decimals, Fractions, and Percents

FRACTION TO DECIMAL:	**DECIMAL TO FRACTION:**	**PERCENT TO DECIMAL:**
1. Set up SHORT division problem (numerator inside, denominator outside). 2. Divide.	1. Make fraction with decimal as numerator, 1 as denominator. 2. Move numerator decimal → enough times to create "whole number" ("integer"). 3. Move denominator decimal over *same number of times*. 4. Write new fraction; reduce.	1. Move decimal twice ←. 2. No decimal? Put one to right of last digit. 3. Put "0" in any empty spots.
FRACTION TO PERCENT:	**DECIMAL TO PERCENT:**	**PERCENT TO FRACTION:**
1. Convert to decimal (↑). 2. Move decimal twice →. 3. Put "0" in any empty spots.	1. Move decimal twice →. 2. Put "0" in any empty spots.	1. Convert % to decimal (↑). 2. Convert decimal to fraction (↑).