Grade 7\*

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| Name of Student | Logic and patterns to solve games and puzzles | Flexible use of Mental math strategies for all operations | Operations with integers  (addition, subtraction, multiplication, division and order of operations)- concretely, pictorial and symbolic | Multiplication and division facts to 100 (extending computational strategies –including decimals))build on previous grade level  -authentic practice | Relationship between decimals, fractions and percents  -conversions, equivalency, terminating versus repeating, place value | Financial percentage calculations- sales tax, tips | Classification of composite and prime | Two step equations with whole number coefficients, constants and solutions | Cartesian coordinates and graphing  -origin, four quadrants, integral coordinates, connections to linear relationships | Discrete Linear relations  -using the four quadrants and limited to integers | Transformations- translations, rotations and reflections on a 2D shape | Circumference and area of circle | Circle graphs | Volume of cylinders |
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