

## Impact Math - Course III

Chapter	Chapter Title	Exemplar Tasks
1	Linear Relationships	Dear Betty (CD1), Dense Rocks (CD1), Runners' Dilemma (CD1), Table Hopping (CD1), A Cloak for a Dreamer (CD2), Maya Temple (CD2), Molly Mathematician's Locker Combination Predicament (CD2)
2	Quadratic and Inverse Relationships	Charmin Choices (CD1), Locker Dilemma (CD1)
3	Exponents and Exponential Variation	Baffling Bacteria (CD1), Day Lily Dilemma (CD1), Division of Labor (CD1), Swinging Time (CD1), telephone Numbers (CD1), Tower of Hanoi (CD1), Maya Temple (CD2)
4	Solving Equations	Runners' Dilemma (CD1), John's Field (CD2), Math Team Fundraiser (CD2), Ottawa Architecture (CD2), Rectangular Box vs. Cube (CD2), Window Designs (CD2)
5	Transformational Geometry	Euler's Dilemma (CD1), A Cloak for a Dreamer (CD2), The Height Dilemma (CD2), Mrs. Williamson's Quilt Quandary (CD2)
6	Working with Expressions	Distribution Dilemma (CD1), John's Field (CD2), Rectangular Box vs. Cube (CD2)
7	Solving Quadratic Equations	Greener Grass (CD1), Newspaper Advertisements (CD1), Olympic Trophy Design (CD1), Math Team Fundraiser (CD2)
8	Functions and Their Graphs	Baffling Bacteria (CD1), Population 2020 (CD1), Table Hopping (CD1), A Cloak for a Dreamer (CD2), Cord Wood Dilemma (CD2), Display Dilemma (CD2), A Fence for Gretchie and Ashby! The Great Kayak Expedition (CD2), Gum-dilly-icious! Maya Temple (CD2), Ottawa Architecture (CD2), Window Designs (CD2)
9	Probability	Checkerboard Dilemma (CD1), Double Dilemma (CD1), Nine Fish (CD1), Planning Ahead (CD1), The Environmentally-friendly Shopper (CD2), Quiz Time (CD2), Winning the Megabucks (CD2)

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Chapter	Chapter Title	Exemplar Tasks
10	Modeling with Data	Day Lily Dilemma (CD1), Dripping Faucet (CD1), Population 2020 (CD1), Planning Ahead (CD1), The Environmentally-friendly Shopper (CD2), Gum-dilly-icious! Let's Celebrate the Millennium (CD2), NFL Quarterback Quandary (CD2), Ski Pass Percentages (CD2), What Does Mother Nature Have Planned for My Birthday? (CD2)