

Finish the Story

What questions might arise?

What would the three acts look like?

What mathematical concept(s) could this target?

Bucky the Badger	Charlie's Gumballs
Nana's Chocolate Milk	Partial Products
File Cabinet	Dueling Discounts
Super Bear	Black Box

Takeaways

- Start with something concrete. (Not tables, equations, etc.)
- Lower the literacy demand of math class.
- Emphasize prediction, questioning.
- Math serves our questions, not the other way around.
- Create a better answer key.

Standards Rodeo

3.MD.2 Measure and estimate liquid volumes and masses of objects using standard units of grams, kilograms, and liters. Add, subtract, multiply, or divide to solve one-step word problems involving masses or volumes that are given in the same units, e.g., by using drawing to represent the problem.	3.MD.6 Measuring areas by counting unit squares.
3.MD.8 Solve real world and mathematical problems involving perimeters of polygons, including finding the perimeter given the side lengths, finding an unknown side length, and exhibiting rectangles with the same perimeter and different areas or with the same area and different perimeters.	4.MD.3 Apply the area and perimeter formulas for rectangles in real world and mathematical problems.
5.MD.5 Apply the formulas $V = l \times w \times h$ and $V = b \times h$ for rectangular prisms to find volumes of right rectangular prisms with whole-number edge lengths in the context of solving real world and mathematical problems.	5.G.2 Represent real world and mathematical problems by graphing points in the first quadrant of the coordinate plane and interpret coordinate values of points in the context of the situation.
6.RP.3 Solve unit rate problems including those involving unit pricing and constant speed.	6.RP.9 Use variables to represent two quantities in a real-world problem that change in relationship to one another. Analyze the relationship between variables using graphs and tables, and relate these to the equation.

Resources

101questions	http://101qs.com/
Ben Rime's Elementary Video Story Problems	http://www.techsavvyed.net/archives/2352
Dan Meyer's Blog	http://blog.mrmeyer.com/
Our Session Website	http://sde13.mrmeyer.com/