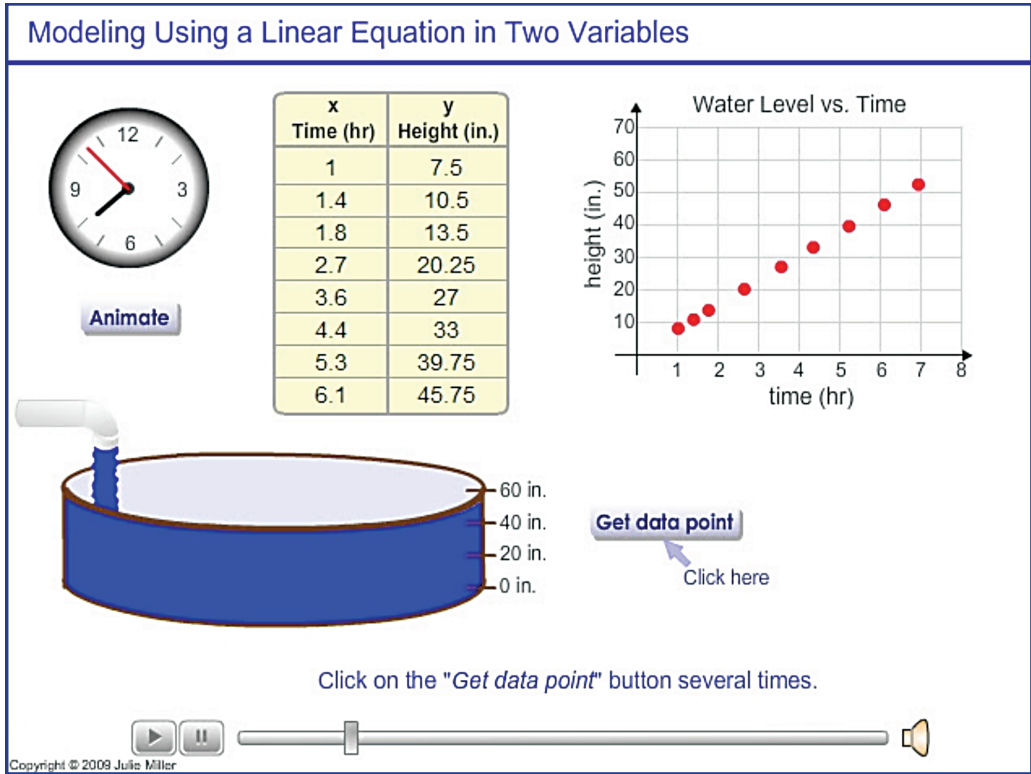


Do your students struggle with word problems?



Not anymore!

Miller/O’Neill/Hyde’s **Dynamic Math Animations** help to illustrate topics where static word problems fall short.

Over seventy years of combined classroom teaching experience has taught Julie Miller, Molly O’Neill, and Nancy Hyde that students are better engaged and learn challenging topics—specifically through word problems—more easily through active learning.

The Miller/O’Neill/Hyde *Dynamic Math Animations* bring mathematics to life by leveraging Flash-based technology to enhance conceptual learning for mathematical mastery, to help students *get better results!*

Get **Better** Results with Miller/O’Neill/Hyde!

Conversion of U.S. Customary Units of Length, Time, Weight, Capacity, Energy, and Power

Length	Time
1 foot (ft) = 12 inches (in.) 1 yard (yd) = 3 feet (ft) 1 mile (mi) = 5280 feet (ft) 1 mile (mi) = 1760 yard (yd)	1 year (yr) = 365 days 1 week (wk) = 7 days 1 day = 24 hours (hr) 1 hour (hr) = 60 minutes (min) 1 minute (min) = 60 seconds (sec)
Capacity	Weight
3 teaspoons (tsp) = 1 Tablespoon (Tbsp) 1 cup (c) = 8 fluid ounces (fl oz) 1 pint (pt) = 2 cups (c) 1 quart (qt) = 2 pints (pt) 1 gallon (gal) = 4 quarts (qt)	1 pound (lb) = 16 ounces (oz) 1 ton = 2000 pounds (lb)
Energy	Power
1 Btu ≈ 778 ft·lb	1 horsepower (hp) = 550 $\frac{\text{ft} \cdot \text{lb}}{\text{sec}}$

Conversion of the Metric System (Prefix Line)

1000	100	10	1	0.1	0.01	0.001
kilo-	hecto-	deka-	unit	deci-	centi-	milli-

Conversion of U.S. Customary Measurement to Metric

Length	Capacity	Weight/Mass (on the Earth)
1 in. = 2.54 cm	1 qt ≈ 0.95 L	1 lb ≈ 0.45 kg
1 ft ≈ 0.305 m	1 fl oz ≈ 30 mL	1 oz ≈ 28 g
1 yd ≈ 0.914 m	1 mL = 1 cc	
1 mi. ≈ 1.61 km		