

Don King Period 3

	# Months	Kellog
Average (Mean)	18.50	\$50.42
Standard Deviation	10.39	\$5.16
Correlation	0.68	

Slope of Least Square Regression Line (LSRL) = $.68 * (5.16 / 10.39) = 0.338$

One Point on LSRL is (18.50, \$50.42)

Plug in $Y = \$50.42$, $X = 18.50$ and $m = .338$ Into $Y = mx + b$ standard form.

$$\$50.42 = .338 * 18.50 + b$$

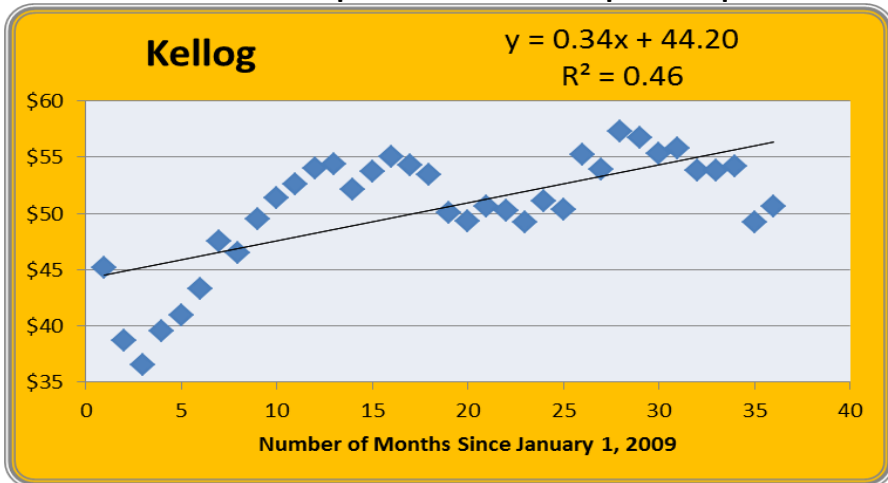
Solve for b to find Y-intercept. $\$50.42 - (.338 * 18.50) = \44.17

Least Squares Regression Line Equation: $Y = .338 X + \$44.17$

Confirm Your Intercept By Formula $\$44.20$

Confirm Your Slope By Formula 0.34

Confirm Your Equation With Scatterplot & Equation



Five & Ten Month Moving Averages, Arrows Show Golden Cross

