Power Regression

y = ax

visually fits a

parabola or squrabola

EXPINENTS + ROOTS REVIEW

$$(2x^{-3}y^{4})^{2}(3x^{-1}y^{5})$$
 $= 24x^{7}y^{-3}$

$$\left(\frac{4x}{7y^2}\right)^{\frac{1}{2}}$$

$$\left(\frac{7y^{-2}}{4x}\right)^3$$

$$\frac{1}{8^3} = \frac{1}{512}$$

$$\frac{(2 \times 10^{9}) \cdot (3 \times 10^{7})}{4 \times 10^{5}} = \frac{6 \times 10^{3}}{4 \times 10^{5}}$$

Graphing
$$y = x^{2}$$

$$y = x^{3}$$

$$y = \sqrt{2} - x$$

$$y = \sqrt{3}$$

$$y = \sqrt{2} - x$$

$$y = \sqrt{3}$$

$$y = \sqrt{3}$$