

Magic Square: Use the numbers 1-9 only once each. All rows, columns and diagonals should add up to the same number. Solve the problems and find the number that belongs in each square.

y – intercept of : $(6)(5)^x$		Solve for x: $128 = 2^{x-1}$
	Solve for x: $25 = 100\left(\frac{1}{2}\right)^{\frac{10}{x}}$	
Solve for x: $16^{4-x} = 2^{x+6}$		Solve for x: $10^x = 10000$

KEY

6	1	8
7	5	3
2	9	4