

Fitting Exponential Functions to Data

The weight of a golden retriever puppy is recorded during her growth. Is the puppy's growth exponential during her first 70 days? If so, find an exponential function that closely fits the data.

Age (days) t	Weight (kg) $W(t)$	Ratio	Model $M(t)$	Error	%error
0	1.48				
10	1.93				
20	2.50				
30	3.18				
40	4.09				
50	5.23				
60	6.82				
70	8.64				

