$f(x) = 500 \cdot a^{x/8.0432317}$	$a = 12$	$a = 4$
$f(x) = a \cdot 3^{x/12.74822067}$	$a = 20.79142$	$a = 0.0880613$
$f(x) = 500 \cdot e^{ax}$	$a = 0.0861777$	$a = 26.719037$
$f(x) = 500\left(1 + \frac{.0871127}{a}\right)^{ax}$	$a = 52$	$a = 2$
$f(x) = 500 \cdot 10^{x/a}$	$f(x) = 500\left(1 + \frac{a}{12}\right)^{12x}$	$a = 0.09$
$f(x) = 500\,(1 + a)^{x}$	$f(x) = 500\left(1 + \frac{a}{2}\right)^{2x}$	$a = 500$
$f(x) = 500 \cdot 4^{x/a}$	$f(x) = 500 \cdot a^{x/28.83468}$	$a =$ (approximate to 2 sig figs)
$f(x) = 500\left(1 + \frac{0.086242}{a}\right)^{ax}$	$f(x) = 500 \cdot 6^{x/a}$	$a =$ (approximate to 8 sig figs)