

Set 1

1: $y = 2(1.5)^x$	2: $y = 30(.5)^x$	3: $y = 0.6(3)^x$
4: $y = -5\left(\frac{1}{2}\right)^x$	5: $y = -5(1.2)^x$	6: $y = -5(x - 4)^2 + 9$

Set 2

1: $y = 10(1.3)^x$	2: $y = -17(0.1)^x$	3: $y = -4(2.8)^x$
4: $y = 9\left(\frac{1}{5}\right)^x$	5: $y = -8(x + 2)^2 + 4$	6: $y = 8(1.1)^x + 5$