|  |  |
| --- | --- |
|  f(x)=5(1.5)x | g(x)=5(0.2)x |
| p(x)=2(.97)x+3 | Function starts at 1.5 with 50% decay |
| h(x)=1.5(2)x | Function starts at 5 with 50% growth  |
|

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| x | -2 | -1 | 0 | 1 | 2 |
| y | -125 | 25 | 5 | 1 | 0.2 |

 | j(x)=5(1.15)x |
| Function starts at 5 with 80% decay | k(x)=1.5(0.5)x |
| Function starts at 1.5 with 100% growth |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| x | -2 | -1 | 0 | 1 | 2 |
| y | -0.889 | -1.33 | -2 | -3 | -4.5 |

 |
| m(x)=5(0.8)x | Function starts at 5 with 15% growth |
|

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| x | -2 | -1 | 0 | 1 | 2 |
| y | 3.78 | 4.348 | 5 | 5.75 | 6.6125 |

 | Function starts at 5 with 1.5% growth |
| n(x)=5(1.015)x | q(x)=-2(1.5)x |
|

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| x | -2 | -1 | 0 | 1 | 2 |
| y | 5.126 | 5.062 | 5 | 4.94 | 4.882 |

 | Function starts at 5 with 20% decay |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |