Compare Functions

Linear	Exponential	Quadratic
Graph: Line	Graph: Curve	Graph: Parabola

graph - line

graph - curve

graph - parabola

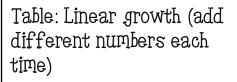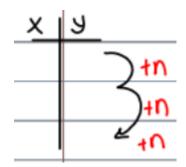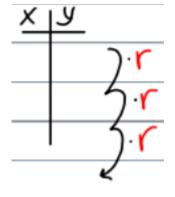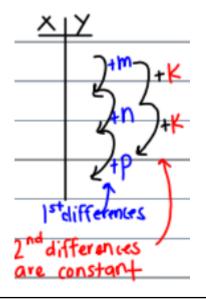| Linear	Exponential	Quadratic
Table: Constant growth rate (add or subtract the same number)	Table: Table: Exponential growth (multiply by the same number, a whole number or fraction) and equal factors over equal intervals	Table: Linear growth (add different numbers each time)

1st differences

2nd differences are constant

Linear	Exponential	Quadratic
Equation: $f(x) = mx + b$	Equation: $f(x) = b * r^x$	Equation: $f(x) = ax^2 + bx + c$