**Geometric Sequences**

a1 = First Term r = common ratio

 Finding r: $r=\frac{a\_{2}}{a\_{1}}$

**Recursive Formula**:

“nth” term in the sequence

the previous term in the sequence

common ratio

an = an-1(r)

**Explicit Formula**:

an = a1(r)n-1

“nth” term in the sequence

the first term in the sequence

common ratio