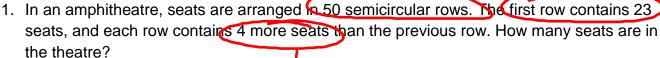
## Arithmetic and Geometric Series



$$d = 23$$
  
 $d = 4$   
 $1 = 50(2(23) + (50-1)4)$   
 $1 = 50$   
 $50 = 6.050$ 

$$\frac{1}{1} = -316$$

$$\frac{1}{1}$$

3. At a fish hatchery the number of fish that hatched on each of the first four days after fertilization was 2, 10, 50 and 250. How many fish will hatch in the first 10 days?

$$C = \frac{1}{2}$$
 $C = \frac{1}{2}$ 
 $C = \frac{1}{2}$ 

4. Calculate the sum of the geometric series

$$7,971,615 + 5,314,410 + 3,542,940 + ... + 92,160$$

$$\alpha = 7,971,615 
\Gamma = \frac{5314410}{7971615} = \frac{2}{3} 
+ n = 92,160 
+ n = 92,160 
+ n = 92,160 
+ n = 91,440 
= 61,440 
= 61,440 
= 23,750,525$$