



Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Geometric Sequences – Easy

1. Common ratio: 3, 1.5, 0.75, 0.375, ...      2. Common ratio: 2, 1, 0.5, 0.25, ...

3. Next term: 5, 10, 20, 40, ...      4. Next term: 1, 0.5, 0.25, 0.125, ...

5. Next term: 5, -10, 20, -40, ...      6. Next term: 3, 9, 27, 81, ...

7. Common ratio: 1, 3, 9, 27, ...      8. Common ratio: 2, -4, 8, -16, ...



## Geometric Sequences – Easy – Answer Key

1. Common ratio: 3, 1.5, 0.75, 0.375, ...  
 $x = 0.50$
2. Common ratio: 2, 1, 0.5, 0.25, ...  
 $x = 0.50$

3. Next term: 5, 10, 20, 40, ...  
 $x = 80$
4. Next term: 1, 0.5, 0.25, 0.125, ...  
 $x = 0.06$

5. Next term: 5, -10, 20, -40, ...  
 $x = 80$
6. Next term: 3, 9, 27, 81, ...  
 $x = 243$

7. Common ratio: 1, 3, 9, 27, ...  
 $x = 3$
8. Common ratio: 2, -4, 8, -16, ...  
 $x = -2$