

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

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



# READY FOR A CHALLENGE?

Directions:



Can you find the missing value in each sequence?

↓

1  
4  
9  
16  
?  
36

? = \_\_\_\_\_

↓

1  
4  
13  
40  
?

? = \_\_\_\_\_

↓

1  
3  
7  
?  
31  
63

? = \_\_\_\_\_

**Key:**

Purple=25 (increasing by consecutive odd numbers)

Green=121 (values are increasing by 3 times the difference of the previous two values)

Pink=15 (each value is the sum of the difference of the two previous values and the previous value)