

Arithmetic, Geometric, or Neither? Identify d or r, if applicable.

1. 1,2,4,7,11,...



2. 4,-8,16,-32,...



3. -170,-162,-154,-146,...



4.  $\frac{4}{7}, \frac{34}{35}, \frac{48}{35}, \frac{62}{35}, \dots$



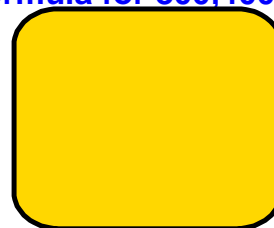
5. 43,046,721 , 9,565,938 , 2,125,764,...



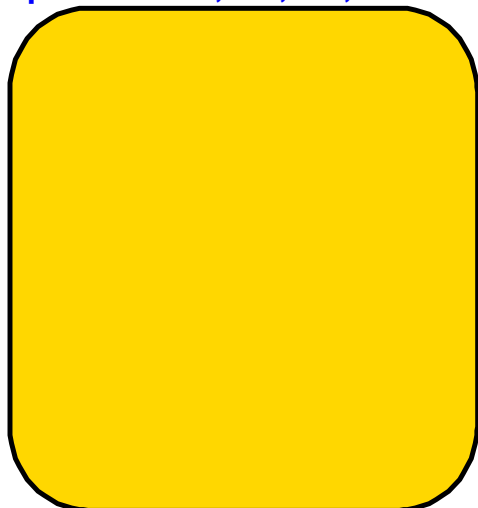
6. 31,27,23,19,...find  $a_{147}$



7. Write an explicit formula for 800,400,200,100...



8. How terms are in the sequence 245,236,227,...-457



9. Find r if  $a_1 = -3$  and  $a_6 = -3072$

