Ch 12 Quiz

Topics:

12.1 → Explicit (plug in "n" and get out "a_n")
↳ ex: $a_n = n+5$; $a_n = 5^n$

12.5 → Recursive (need a prev. term "a_{n-1}")
↳ don't forget to include $a_1 =$ ____.
↳ $a_n = a_{n-1} + 7$; $a_1 = 2$
$a_n = (a_{n-2}) \cdot (a_{n-1})$; $a_1 = 2$, $a_2 = 3$

Gen. a seq. or write the rule

12.2/12.3 → Arith/Geo
add d each time
mult. by r each time.

→

	Explicit	Recursive
A	$a_n = a_1 + (n-1)d$	$a_n = a_{n-1} + d$
G	$a_n = a_1(r)^{n-1}$	$a_n = r \cdot a_{n-1}$

→ given 2 terms find a_n