Find the correct equation to



Math worksheet on 'Patterning - Equation for Geometric Pattern (Level 1)'. Part of a broader unit on 'Patterns and Sums - Practice'

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•	describe this geometric pattern where n=1 is the first term	1, 5, 25, 125
	$a = 1 imes 5^{n-1}$	$a_n=1-5(n-1)$
	$oldsymbol{^{\mathbf{c}}}a_n=a_{n-2}+a_{n-1}$	$a_n = 1 imes 5^n$
	$egin{aligned} \mathbf{e} & a_n = -3 imes 5^{n-1} \end{aligned}$	$oxed{f} a_n = 1 + 5(n-1)$

Find the correct equation to describe this geometric pattern where n=1 is the first term	1, 4, 16, 64
$a_n = 1 imes 2^{n-1}$	$a_n=1+4(n-1)$
$a_n = 1 - 4(n-1)$	$egin{array}{ccc} oldsymbol{d} & a_n = 1 imes 3^{n-1} \end{array}$
$a_n = 1 imes 4^{n-1}$	$egin{aligned} \mathbf{f} & a_n = 1 imes 4^n \end{aligned}$









