

Warm-Up 2/15

Fill in the missing terms for these GEOMETRIC sequences.

①

x	1	2	3	4	5	6	7
y	1	2	4	8	16	32	64

$\times \frac{1}{2}$ $\times \frac{1}{2}$ $\times \frac{1}{2}$ $\times \frac{1}{2}$ $\times \frac{1}{2}$ $\times \frac{1}{2}$

What is the common ratio?

② 1, 21, 63, 189 $\times 3$

③ 5, 20, 80, 320, 1280 $\times 4$

④ $f(1)=3$ and $f(4)=375$

n	1	2	3	4
f(n)	3			375

⑤ (0, 9) and (3, 72)

n	0	1	2	3
f(n)	9			72