

Geometric Sequence/Exponential:

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Find the three terms in the sequence after the last one given.

1) $-3, 12, -48, 192, \dots$

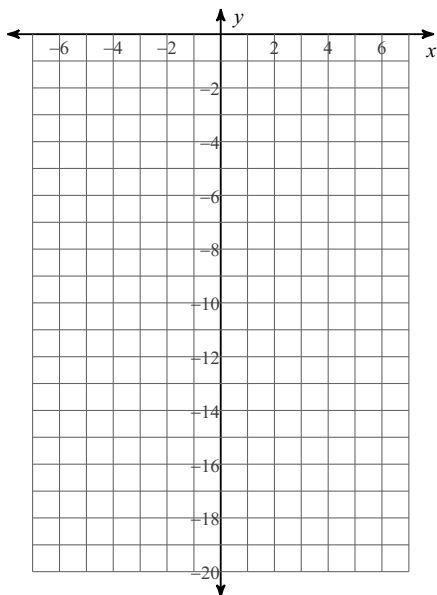
2) $2, -6, 18, -54, \dots$

3) $-4, 20, -100, 500, \dots$

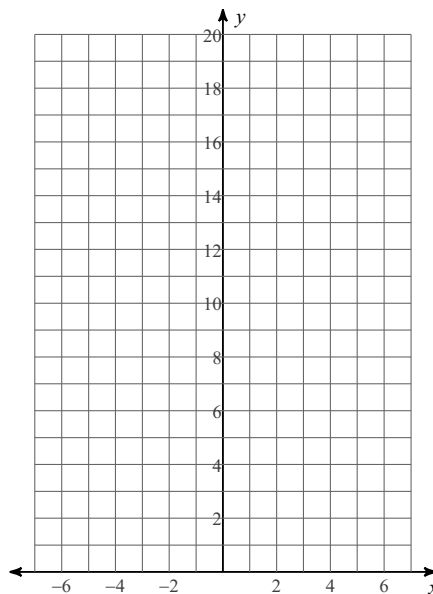
4) $-1, -4, -16, -64, \dots$

Sketch the graph of each function.

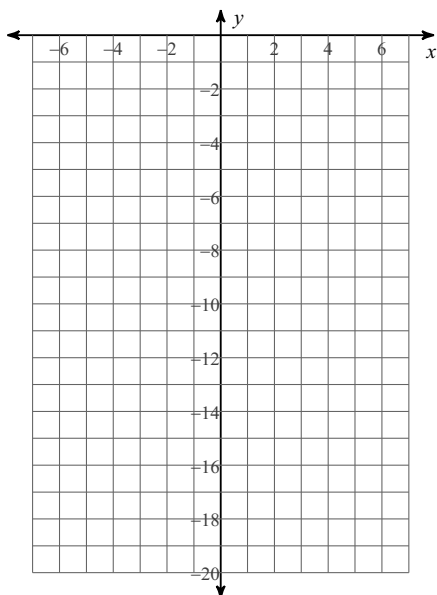
5) $y = -4 \cdot \left(\frac{1}{2}\right)^x$



6) $y = \frac{1}{2} \cdot 2^x$



7) $y = -\frac{1}{3} \cdot \left(\frac{1}{2}\right)^x$



8) $y = -5 \cdot \left(\frac{1}{2}\right)^x$

