

Missing Terms of a Geometric Sequence

A) Find the missing terms of each geometric sequence.

1) 37, 111, _____, 999, _____, ...

2) _____, -8.4, 16.8, _____, 67.2, ...

3) $\frac{9}{8}, -\frac{3}{4}, \frac{1}{2},$ _____, _____, ...

4) 7.8, $7.8\sqrt{5}$, _____, _____, 195, ...

5) 139968, _____, 3888, 648, _____, 18, ...

6) _____, _____, -725, -3625, -18125, ...

B) Find the next three terms of each geometric sequence.

1) -11.3, 33.9, -101.7, 305.1, -915.3, ...

2) 1.5, 6, 24, 96, 384, ...

3) 112, 336, 1008, ...

4) 70, 140, 280, ...
