

Name : _____

Evaluate: Geometric Series

T2S1

Evaluate each geometric series.

1) $-2 - 2\sqrt{2} - 4 - \dots - 64$

2) $-4 + 28 - 196 + \dots - 470596$

3) $6 + 48 + 384 +$

$38 - \dots - 2239488$

5) $2 - 10 + 50 - \dots$

$\dots + \frac{1}{78732}$

7) $-7 - 21 - 63 - \dots - 1240029$

8) $\frac{3}{5} - \frac{2}{15} + \frac{4}{135} - \dots + \frac{16}{10935}$

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