

Name : \_\_\_\_\_

## Evaluate: Geometric Series

T1S5

Evaluate each geometric series.

1)  $9 - 45 + 225 - \dots$  upto 7 terms

2)  $-\frac{7}{2} - \frac{7}{8} - \frac{7}{32} - \dots$  upto 9 terms

3)  $-5 - 15 - 45 - \dots$  u

$8\sqrt{8} + \dots$  upto 9 terms

5)  $-15 + 30 - 60 + \dots$

$\dots$  upto 11 terms

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7)  $-8 + 32 - 128 + \dots$  upto 8 terms

8)  $6 - 36 + 216 - \dots$  upto 9 terms