

Name : _____

Convergence & Divergence

Sheet 4

Determine whether each geometric series converges or diverges.

1) $-2 + 8 - 32 + 128 - \dots$

2) $\frac{1}{7} + \frac{5}{56} + \frac{25}{448} + \frac{125}{3584} + \dots$

3) $9 + 72 + 576 + \dots$

$-8.019 - 7.2171 - \dots$

PREVIEW

Gain complete access to the largest
collection of worksheets in all subjects!

5) $-7 - \frac{7}{4} - \frac{7}{16} - \dots$

$500 + 2500 + \dots$

Members, please
log in to
download this
worksheet.

Not a member?
Please sign up to
gain complete
access.

www.mathworksheets4kids.com

7) $3 + \sqrt{6} + 2 + \frac{2\sqrt{2}}{\sqrt{3}} + \dots$

8) $25 - 150 + 900 - 5400 + \dots$
