

Name : _____

Recursive Formula

Sheet 1

Write the recursive formula for each geometric sequence.

1) $15, -45, 135, -405, \dots$

2) $4, 8, 16, 32, 64, 128, \dots$

3) $2\sqrt{3}, 4\sqrt{3}, 8\sqrt{3}, \dots$

$\frac{128}{243}, \dots$

5) $0.4, 2.4, 14.4, 86.4, \dots$

$-750, -3750, \dots$

7) $-\frac{2}{5}, \frac{8}{15}, -\frac{32}{45}, \dots$

$-399.3, \dots$

PREVIEW

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

Members, please log in to download this worksheet.

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

www.mathworksheets4kids.com

9) $-67, 134, -268, 536, -1072, \dots$

10) $-1, -9, -81, -729, -6561, \dots$