

Name : _____

First Term & Common Ratio

Sheet 1

Write the first term(a) and the common ratio(r) of each geometric sequence.

1) 85, 510, 3060, 18360, 110160, ...

2) $\frac{1}{11}, \frac{3}{22}, \frac{9}{44}, \frac{27}{88}, \frac{81}{176}, \dots$

a = _____ ; r = _____

a = _____ ; r = _____

3) 4.9, -9.8, 19.6, ...

86, 4802, -33614, ...

a = _____ ; r = _____

a = _____ ; r = _____

5) -25, -300, -3600, ...

$\frac{56}{9}, -\frac{224}{27}, -\frac{896}{81}, \dots$

a = _____ ; r = _____

a = _____ ; r = _____

7) 1.1, $1.1\sqrt{6}$, $6.6\sqrt{6}$, ...

..., -9826, 167042, ...

a = _____ ; r = _____

a = _____ ; r = _____

9) $5, \frac{10}{3}, \frac{20}{9}, \frac{40}{27}, \frac{80}{81}, \dots$

10) 4.2, 12.6, 37.8, 113.4, 340.2, ...

a = _____ ; r = _____

a = _____ ; r = _____

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