

等比数列

$$3, 6, 12, 24, \dots$$

The diagram illustrates the progression of the sequence 3, 6, 12, 24, ... by showing the relationship between consecutive terms. Three blue curved arrows point from left to right, connecting 3 to 6, 6 to 12, and 12 to 24. Below each arrow is the text "x2", indicating that each term is multiplied by 2 to get the next term.

等比数列

初項

3, 6, 12, 24, \dots



等比数列

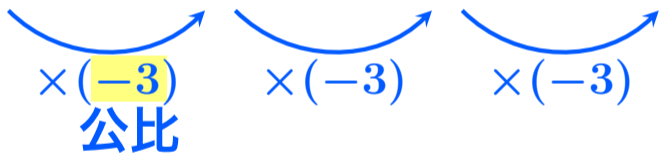
$$2, -6, 18, -54, \dots$$

$\times(-3)$ $\times(-3)$ $\times(-3)$

等比数列

初項

2, -6, 18, -54, ...



等比数列

$$2, \quad 3, \quad \frac{9}{2}, \quad \frac{27}{4}, \quad \dots$$

$\times \frac{3}{2}$ $\times \frac{3}{2}$ $\times \frac{3}{2}$

等比数列

初項

2,

3,

$\frac{9}{2}$,

$\frac{27}{4}$,

.....



$$\times \frac{3}{2}$$

公比



$$\times \frac{3}{2}$$



$$\times \frac{3}{2}$$