

BARISAN GEOMETRI

NAMA:

KELAS:

Tentukan suku pertama, rasio dan suku ke-10 dari barisan geometri berikut: 2, 4, 8, 16,!

Jawab:

Suku pertama (a) = $U_1 = \dots\dots\dots$

$U_2 = \dots\dots\dots$

Rasio (r) = $\frac{U_2}{U_1} = \frac{\dots\dots\dots}{\dots\dots\dots} = \dots\dots\dots$

Suku ke-10 = $U_{10} = ar^{n-1}$

= $\dots\dots\dots \times (\dots\dots\dots)^{10-1}$

= $\dots\dots\dots \times (\dots\dots\dots)^{\dots\dots\dots}$

= $\dots\dots\dots \times \dots\dots\dots$

= $\dots\dots\dots$