

BARISAN GEOMETRI

NAMA:

KELAS:

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

Jawab:

$$\text{Suku pertama (a)} = U_1 = \dots\dots\dots$$

$$U_2 = \dots\dots\dots$$

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

$$\begin{aligned}\text{Suku ke-10} &= U_{10} = ar^{n-1} \\ &= \dots\dots\dots \times (\dots\dots\dots)^{10-1} \\ &= \dots\dots\dots \times (\dots\dots\dots)^{\dots\dots\dots} \\ &= \dots\dots\dots \times \dots\dots\dots \\ &= \dots\dots\dots\end{aligned}$$