

BARISAN DAN DERET ARITMETIKA

NAMA :

KELAS :

KERJAKAN SOAL DI BAWAH INI!

1. Tentukan beda untuk setiap barisan aritmatika berikut:

a. 17, 27, 37, 47, 57, Beda =

b. 48, 32, 16, 0, -16, Beda =

2. Tentukan nilai dari suku ke 6 dari barisan berikut:

a. 13, 18, 23, 28, $U_6 = \dots\dots\dots$

b. 10, 12, 14, 16, $U_6 = \dots\dots\dots$

3. Carilah suku ke-16 dan jumlah 16 suku pertama dari barisan aritmetika

1, 5, 9, 13, 17,!

$a = \dots\dots\dots$; $b = \dots\dots\dots$; $n = \dots\dots\dots$

$U_n = a + (n - 1) b$

$U_{16} = \dots\dots\dots + (\dots\dots\dots - 1) \dots\dots\dots$

$U_{16} = \dots\dots\dots + (\dots\dots\dots \times \dots\dots\dots)$

$U_{16} = \dots\dots\dots + \dots\dots\dots$

$U_{16} = \dots\dots\dots$

$S_n = \frac{n}{2} [a + U_n]$

$S_{16} = \frac{n}{2} [a + U_{16}]$

$S_{16} = \frac{\dots\dots\dots}{2} [\dots\dots\dots + \dots\dots\dots]$

$S_{16} = \dots\dots\dots \times \dots\dots\dots$

$S_{16} = \dots\dots\dots$