f(x) = -49x2+21x+9 f'(x) = -98x + 217 $f'(x) = -98x + 21 = 0 = 7x = \frac{21}{98} = \frac{3}{14}$ f'(x) = 0 f (3) = - 43 (3)2 + 21. TH + 9 = - 43 · 136 + 14 + 9 =  $= -\frac{(4)^{2}}{(4)^{2}} + \frac{9}{2} + 9 = -\frac{9}{4} + \frac{18}{4} + \frac{36}{4}$ Lynnyus - rapadala 7 Japadara manpaliena 1 = y < 45 9440 Unbem: f(x) & 1-3n2-8  $X_n = n^2 + \frac{(-1)^n \cdot n}{3 - 3 \cdot 1^2 - 8}$   $X_n = 1^2 + \frac{(-1)^n \cdot n}{3 - 3 \cdot 1^2 - 8}$   $X_2 = 2^2 + \frac{(-1)^n \cdot 2}{3 \cdot 2^n - 8}$   $X_3 = 2^2 + \frac{(-1)^n \cdot 2}{3 \cdot 2^n - 8}$  $X_n = n^2 +$ 5=4+ 1.2 -5= -7  $X_3 = 3^{2} + \frac{3^{3} - 3 \cdot 3^{2} - 8}{(-1)^{3} \cdot 3} - \frac{3^{3} - 3 \cdot 3^{2} - 8}{(-1)^{3} \cdot 3 \cdot 4^{2} - 8}$   $X_4 = 4^{2} + \frac{(-1)^{3} \cdot 4^{2} - 8}{5^{3} - 3 \cdot 5^{2} - 8}$ 127-27-8 -1-3 -5=9+3-5= -5=9+ 64-48-8 -5= 16+ 1-4 125-75-8  $X_5 = 5^2 + \frac{5^2 - 3.5 - 8}{(-1)^3 \cdot 5} = \frac{125 - 75 - 8}{5} = \frac{42}{5} = \frac{58}{5}$ Onbem 6; -4; 3; 13; 5



