a1 = - 6 an = a1 + (n – 1). r

a20 = - 63 - 63 = - 6 + (20 – 1) . r

n = 20 - 63 + 6 = 19 r

r = ? - 57 = 19 r

 r = - $\frac{57}{19}$

 r = - 3