A	B	C	A => B	¬(A => B)	¬B	A ∧ ¬B	¬(A => B) <=> (A ∧ ¬B)
1	1	1	1	0	0	0	1
1	1	0	1	0	0	0	1
1	0	1	0	1	1	1	1
1	0	0	0	1	1	1	1
0	1	1	1	0	0	0	1
0	1	0	1	0	0	0	1
0	0	1	1	0	1	0	1
0	0	0	1	0	1	0	1

A	B	
1	1	
1	0	
0	1	
0	0	

=>

1

tautology

A student likes dogs

B st. likes cats

B => A

likes cats

doesn't l. dogs

B ↖ ¬A

∞

$-\infty$

$\infty + 1 = \infty$

$1 + \infty = \infty$

$\infty - 10^9 = \infty$

$-\infty + 1 = -\infty$

$2 \cdot \infty = \infty$

$\frac{\infty}{2} = \infty$

$-42 \cdot \infty = -\infty$

$-5 \cdot (-\infty) = +\infty$

$\frac{1}{\infty}$ $+\infty$

same

$-(-\infty) = \infty$

$\infty + \infty = \infty$

$-\infty - \infty = -\infty$

$\frac{1}{\pm\infty} = 0$

$\frac{1}{2}$ $\frac{1}{50}$ $\frac{1}{10^6}$

Forbidden

$\frac{1}{0}$; $\infty - \infty$ $\frac{\infty}{\infty}$

$\frac{0}{0}$ $0 \cdot \infty$

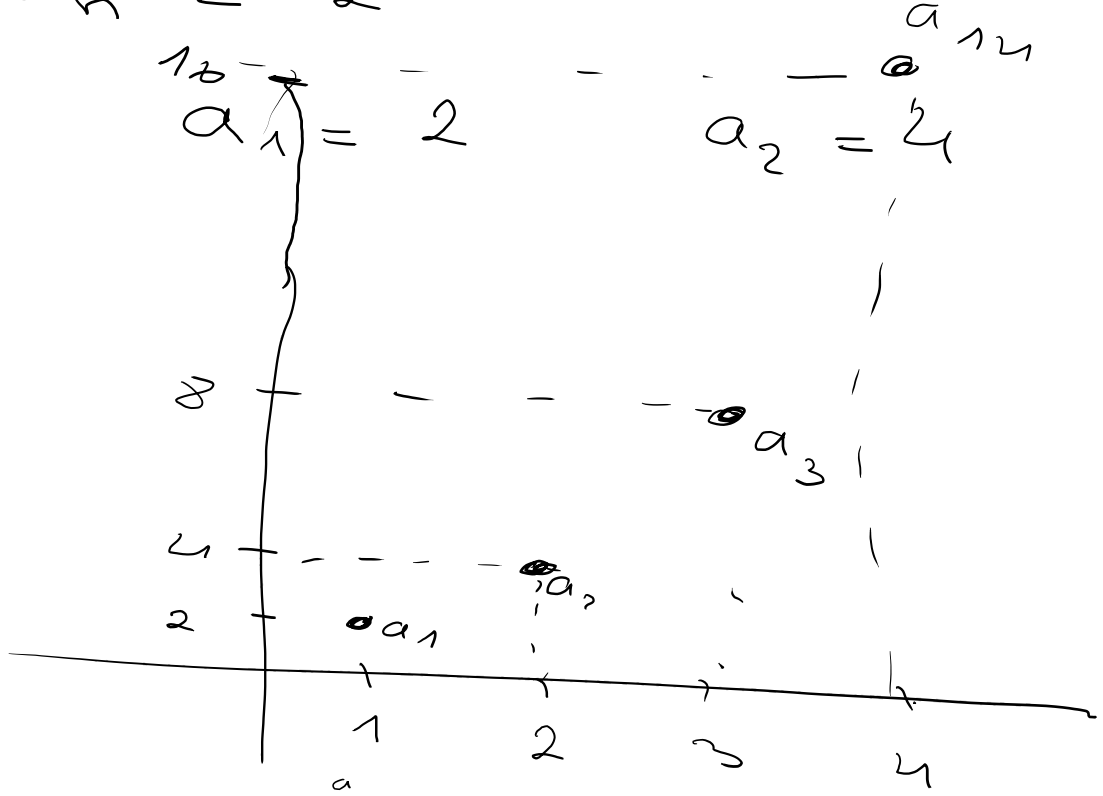
0^0 ∞^0 1^∞

arithmet

geometric

numbers after each other

$a_n = 2^n$



$a_1 = 2 \quad a_2 = 4 \quad a_3 = 8 \quad a_4 = 16 \ldots$