

VYJÁDŘENÍ NEZNÁMÉ ZE VZORCE

1	$W=Fs$	F	s	
2	$\rho = \frac{m}{V}$	m	V	
3	$S = \frac{u_1 u_2}{2}$	u_1	u_2	
4	$S=6a^2$	a		
5	$S=2\pi r (r + v)$	v		
6	$S = \frac{z_1 + z_2}{2} \cdot v$	v	z_1	z_2
7	$r = \frac{abc}{2S}$	S	b	
8	$S=2(ab+ac+ca)$	a	b	
9	$\frac{pV}{T} = k$	V	T	
10	$\frac{F_1}{S_1} = \frac{F_2}{S_2}$	F_1	S_2	
11	$a = \frac{v - v_0}{t}$	v	v_0	t
12	$E=mc^2$	m	c	
13	$v=v_0-gt$	v_0	g	t
14	$Q=mc(t_2-t_1)$	m	t_1	t_2
15	$Z = \frac{f}{a - f}$	a		

Vorgehensweise

1.) $F = \frac{W}{s}$

$s = \frac{W}{F}$

2.) $m = \rho \cdot V$

$V = \frac{m}{\rho}$

3.) $\mu_1 = \frac{2S}{\mu_2}$

$\mu_2 = \frac{2S}{\mu_1}$

4.) $a = \sqrt{\frac{S}{6}}$

5.) $\frac{S - 2\pi r^2}{2\pi r} = N$

6.) $N = \frac{2S}{z_1 + z_2}$

$z_1 = \frac{2S}{N} - z_2$

$z_2 = \frac{2S}{N} - z_1$

7.) $S = \frac{abc}{2r}$

$b = \frac{2Sr}{ac}$

8.) $a = \frac{S - 2bc}{2b + 2c}$

$b = \frac{S - 2ca}{2a - 2c}$

9.) $V = \frac{kT}{P}$

$T = \frac{PV}{k}$

10.) $F_1 = \frac{F_2 \cdot S_1}{S_2}$

$S_2 = \frac{F_2 \cdot S_1}{F_1}$

11.) $N = at + N_0$

$N_0 = N - at$

$t = \frac{N - N_0}{a}$

12.) $m = \frac{E}{c^2}$

$c = \sqrt{\frac{E}{m}}$

13.) $N_0 = N + gt$

$g = \frac{N_0 - N}{t}$

$t = \frac{N_0 - N}{g}$

14.) $m = \frac{Q}{c(t_2 - t_1)}$

$t_2 = \frac{Q - mct_1}{mc}$

$t_1 = \frac{mct_2 - Q}{mc}$

15.) $a = \frac{d}{t} - j$