

Solution Math Sample Exam Nr. 1

Nr.	Solution	Nr.	Solution
1	-3	14	$\frac{1}{x^6}$
2	0	15	$\frac{y^2 b}{3}$
3	-3,-2,5	16	$2x^2+18$
4	-1/3,3	17	$-8x^2+3$
5	$3/2 \leq x \leq 5/2$	18	0
6	2	19	1/2
7	16	20	$36\pi\text{cm}^3$
8	12	21	$f(x)=-2\cos(\pi/2x+\pi/2)$
9	2	22	$8,82\text{cm}^2$
10	-1	23	$1/3\pi 28000\text{cm}^3$
11	$x+2$	24	40cm
12	12	25	20cm
13	$13\sqrt{3}$		