

Závěrečná zkouška z matematiky 2022

	A	B
1a	$\frac{1}{2}$	5
1b	1-2i	2-i
2	$D_f = [0;1)$	$D_f = [1;2)$
3	$x = k\frac{\pi}{2} \quad k \in \mathbb{Z}$	$x = k\frac{\pi}{2} \quad k \in \mathbb{Z}$
4	$[x; y] \in \{[100; 4], [4; 100]\}$	$[x; y] \in \{[100; 10], [10; 100]\}$
5	$x < \log_3 \frac{1}{2}$	$x > \log_2 \frac{1}{3}$
6	$x = 3$	$x = 4$
7	24	48
8	$V = 27 \text{ cm}^3$	$a = 3 - \sqrt{5}, b = 2, c = 3 + \sqrt{5}$
9	$m \in \left\{0; -\frac{1}{2}\right\}$	$m \in \left\{\frac{1}{2}; 1\right\}$
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