

Výsledky ZZM 2021

	A	B
1a	2	-2
1b	-2	0
2	$D_f = [-4; -2) \cup (1; 4]$	$D_f = (-2; 0] \cup (8; 10)$
3	$x = \frac{4 + \log_2 3}{2(1 + \log_2 3)}$	$x = \frac{2 + 2 \log_2 3}{4 + \log_2 3}$
4	$\left\{0; \pi; \frac{3\pi}{4}; \frac{7\pi}{4}\right\}$	$\left\{0; -\pi; -\frac{\pi}{4}; \frac{3\pi}{4}\right\}$
5	$x \in \left(\frac{1}{3}; \frac{2}{3}\right)$	$x \in \left(-\infty; \frac{1}{2}\right) \cup (1; \infty)$
6	1050 Kč	1500 Kč
7	$\frac{7}{2} 6! 4! = 60480$	$5! \cdot (5! + 4!) = 17280$
8	$S_4 = 255$	$S_4 = 280$
9	$2x + 5y - 16 = 0$	$x + 10y - 24 = 0$
10		