Logarithmic Equations

All bases are positive. Cut out the squares. Arrange them so that touching edges are equivalent equations.

log ₆ x=17			x=11			x=6			x=8		
10g _x √7=1/2		x=12	10g ₁₇ x=6		x=7	log5x=7		×=1	10882=x		log7x=2
	log ₃ x=5			log _x 1000:	=3		log ₅ 125=2	c		x=7	
log ₁₀ .001=x	x=81	x=-6	10g ₉ 27=x	x=243	× SI+	log_73729=x	x=13	x=-2	log ₁₁ 121=x	x=9	x=1/4
	$\log_{\sqrt{2}} x =$	6		log _x 16=2		1	log ₂ .5=x			x=6	
log ₄ 2=x	x=4	χ=− ¹	log ₈ 16=x	x=-1	x=27	10g√5 5 =x	log ₇ x=21	x=-5	1 =x	x=10	x= <u>3</u>
1	og ₂₇ x=2/3			log ₂₃ 1=x			log ₁₆ 8=x		1	og ₂ 64=x	
log ₃ 81=x	x=0	x=-3	log _x √3=1/5	$x=\frac{3}{4}$	log ₈ x=3	5=x 4	x=3	x=2	10g ₈₁ 3=х	x=1	x=1
log ₅₅ x=0			log _{√3} x=8			log ₄ x=8			log ₄ x=6		