Properties of Exponents and Scientific Notation

Cut the squares apart.
Match equivalent expressions.
You should get a new 4 x 4 square.

	2xy			**x = 11**			**x=17**			**6^5**	
x^0		**5^2**	**25**		**$(5x^2)^2$**	**25^4**		**$(2^2)^3$**	**2^6**		**x^{14}**
	$\frac{x^4}{x^2}$			**$(x^2z^3)^4$**			**.0023**			**1.2 x 10^3**	
	x^2			**x^8z^{12}**			**2.3 x 10^{-3}**			**1200**	
abc		$\frac{m^3}{m}$	**m^2**		**$(2x^4)^2$**	**$4x^8$**		**$(-3z^2)^2$**	**$9z^4$**		**x^{-6}**
	1.3 x 10^{-2}			**45000**			**$(a^2b)^2$**			**$(-3m)^3$**	
	.013			**4.5 x 10^4**			**a^4b^2**			**$-27m^3$**	
x = 2		**$(7x)^0$**	**1**		**.0002**	**2 x10^{-4}**		**$(xz)^4$**	**x^4z^4**		**x = 12**
	$(2x^2)(3x^4)$			$\frac{10^5}{10}$			**$(2x^3)^2$**			$\frac{a^{14}}{a^7}$	
	$6x^6$			**10^4**			**$4x^6$**			**a^7**	
= 5		**1.2 x 10^5**	**120000**		**11^2**	**121**		$\left(\frac{5}{m}\right)^2$	$\frac{25}{m^2}$		**4**
	8			**z^7**			**x^{-5}**			$\frac{1}{2}^{\mathbf{y}}$	