

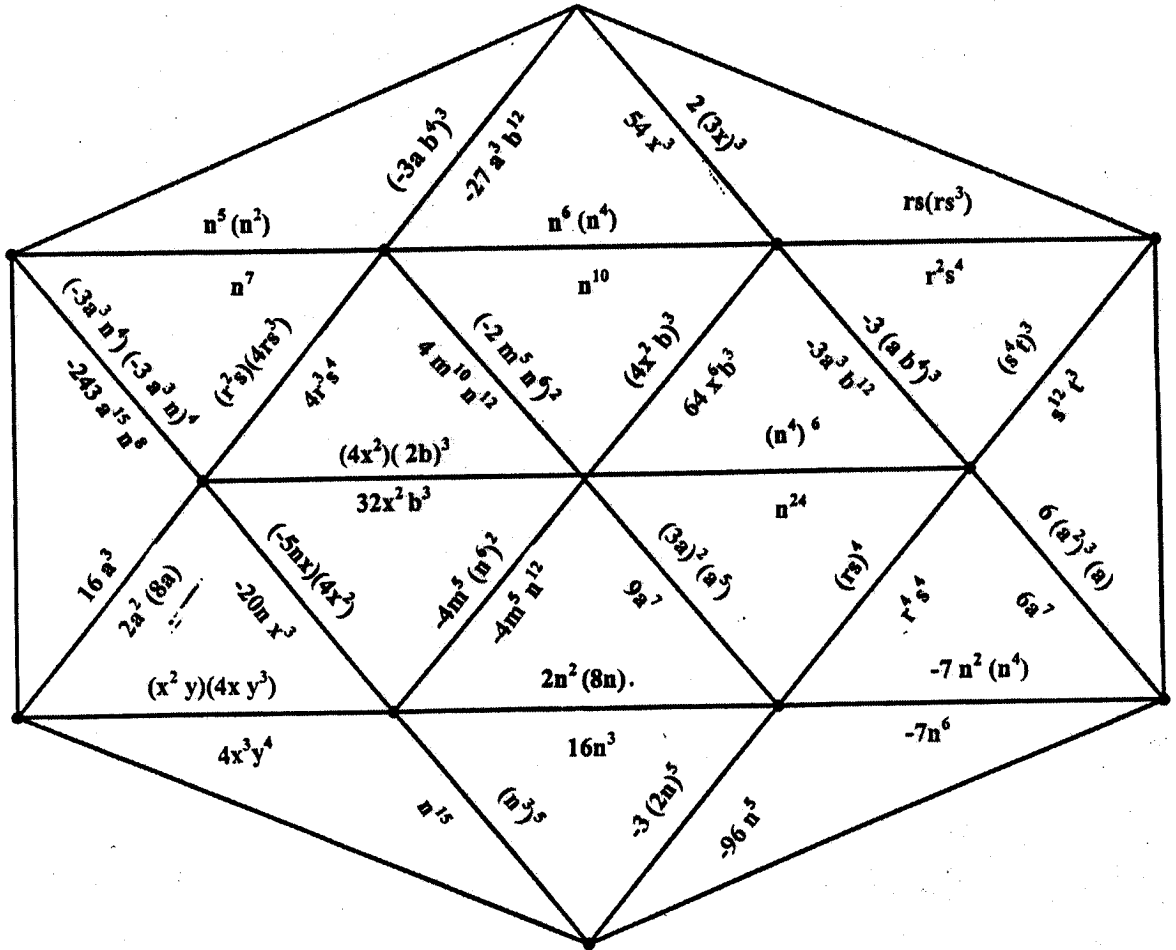
Properties of Exponents

1. Cut the squares apart.
2. Match equivalent expressions.
3. You should get a new 4 X 4 square.

	$6x^{-4}y$			$64m^{-3}$			z^{20}			1	
$(10s)^2$		$12x^3$	$(5x)^3$		$1/(x^2)$	\bar{p}	$4c9t$	$4^6 \cdot 4 \cdot 4$	$1/13y$		$2c^4d$
	$1/13^x$			$1/16$			$(2^3)^2$			$(1/2)^{-1}$	
	$(2x)^{-3}$			1			$3xy$			$-27y^3$	
2		13^x	$y^3 y^4$		$(-x)^3$	$4^5/x$		$m \cdot m$	$5^3 \cdot 3$		$(13y)^{-1}$
	$\frac{5}{yz^2}$			4			$1/625$			$(-8)^0$	
	$5y^{-1}z^2$			$(w^7)^3$			m^2			36	
1		4^{-2}	$9(2t)$	$(2x)^{-4}$	$\frac{1}{1}$	9t	x^2	$(2x)^2$	62t		$(5^{-2})^2$
	$6^2 \cdot 6^3$			$(-3y)^3$			$(-x)(-x)^2$			$(z^4)^5$	
	x^4			30			$100s^2$			$[(-2)^3]^2$	
$4z^3$		y^7	4^6x^0t		$(3^2)^{-3}$	$8x$		64	$1^8 \cdot 1^8$		$8x^3$
	$8xy^2$			73^0			$(-x)^4$			64	

Properties of Exponents

1. Cut the squares apart.
2. Match equivalent expressions.
3. You should get a new hexagon.



Properties of Exponents

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

	27^8			$2x^{13}$			$-12x^{12}$		x^{11}	
x		$10x^3y^4$	$(5xy)(2x^2y^3)$		$3 \cdot 3^3 \cdot 3^4$	8^8		y^{-20}	$(y^6)^5$	$2x^{28}$
	3^5			$y^6 \cdot y^5$			x^9		1.2×10^{-1}	
	$3^2 \cdot 3^3$			y^{11}			$x \cdot x^3 \cdot x^5$		0.12	
$4x^5$		5^{10}	$5^8 \cdot 5^2$		$3x^0$	3		x^8	$5^5 \cdot x^3 \cdot x^2$	$(11)^2$
	$(4x^3y)(2xy^4)$			$(x^3)^4$			$2x^9$		$70,000$	
	$8x^4y^5$			x^{15}			$2x^5 \cdot x^4$		7×10^4	
2		$28x^5$	$(2^7)(2^4)$		$(2x^5)^4$	0.2×91		$(3x^5)(2x^2)$	$7x^9$	$6x^{16}$
	$(3^2)^3$			$9x^8$			5		0.03	
	3^6			$(3x^4)^2$			$5x^0$		3×10^{-2}	
5		$-x^6$	$2^2(x^2/1)$		$(2xy)(3xy^2)$	2^4x^9		$2^2 \cdot 2^3$	5^2	$5x^7$
	$9x^6$			$2y^{28}$			$2x^{15}$		$\frac{1}{2}y^{11}$	