Bell Work 1/23/2015

$$\frac{5}{5} \frac{5x^5 w^6}{w^4 5x^3} = \frac{5x^2}{w^4}$$

## Collect Bell Work.

Get out class work from the block day.

Name:	KEY		
Date:		Hour:	

1. 
$$(d^3n^{-2})^2(d^{-2}n^4)^3$$

$$d^{3\cdot 2} \int_{-2\cdot 2}^{-2\cdot 2} \int_{-2\cdot 3}^{-2\cdot 3} \int_{n}^{4\cdot 3}$$

$$d^6 \int_{-4}^{-4} \int_{-4+12}^{-4+12}$$

$$1 \cdot \int_{-8}^{8} = \int_{-8}^{8}$$

Name: KEY
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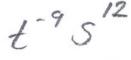
**Properties of Exponents - Practice** 

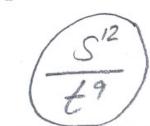
$$2. \ \frac{x^0 y^{-7} z^{12}}{w^{-4} z^6}$$

$$\frac{1}{y^{7}} = \frac{1}{y^{7}} =$$

Name:	KEY	
Date:		Hour:

3. 
$$(t^3s^{-4})^{-3}$$





Name: KEY Hour:

**Properties of Exponents - Practice** 

4. 
$$(m^4h^3)(m^3h^2)$$
  
 $m^{4+3}h^{3+2}$   
 $m^7h^5$ 

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**Properties of Exponents - Practice** 

Name: KEY

**Properties of Exponents - Practice** 

6. 
$$(z^{0}y^{3}x^{-8})^{2}$$

$$Z^{0}y^{0}x^{-16}$$

$$Z^{0}y^{0}x^{-16}$$

$$X^{0}y^{0}$$

$$X^{0}y^{0}$$

$$X^{0}y^{0}$$

$$X^{0}y^{0}$$

Name:	KEY		
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Simplify the following:

7. Choose ALL correct answers. Which of the following expressions is equivalent to  $\frac{1}{23}$  when simplified?

	$\chi^3$
(A.) $(x^3)^{-3} \cdot x^6$	B. $(x^9 \cdot x^{-6})^{-1}$
y33 6	X X X
X-9 X <sup>6</sup>	XX
~ ~	-9 4
X	XX
$\chi$ - 3 = $\left(\frac{1}{\sqrt{3}}\right)$	V-9+6
/ X3	\_3 _ (I)
	$\times$ = $\left(\frac{1}{\times^3}\right)$
C. $(x^{-9} + x^6)^{-1}$	D. $(x^{15})^{-2} \cdot x^{-10}$
x-91 + x61	X152 x-10
^ + X	X
(9, -6)	-30
X +X	X-30 x-10
R cond combine.	×-30+-10
тельного при	×
Agosperan	$x^{-40} = \left(\frac{1}{X^{40}}\right)$
	^ (X)

Name: KEY
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**Properties of Exponents - Practice** 

Simplify the following:

8. **Describe** and **correct** the error in evaluating the expression:

$$5^{-2} = \frac{1}{5^2}$$

$$= \frac{1}{(5)(5)}$$

$$= \frac{1}{25}$$

expression.

$$5^{-2} = \frac{1}{(55)(-5)}$$

regative 5 is not

the base, 5 is.

also-a neg, x a neg = pos.

Name:	KEY		
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	Similarity the following.	
9.	Choose ALL correct answers. Which of the following exp	pressions is equivalent to $W^2$ when simplified?
	(A) $(w^4)^{-2} \cdot w^{10}$	B. $(w^2 \cdot w^{-4})^{-1}$
	W42 .W10	W21 W-41
	W-8. W10	w-2, w4
	W-8+10	W · W
	W <sup>2</sup>	-2+4 W
		(W2)
	C. $(w^{-8} + w^6)^{-1}$	D. $(w^6)^{-2} \cdot w^{-3}$
	C. $(w^{-8} + w^{6})^{-1}$	W62. W-3
	(W8 + W-6)	W-12 W-3
	Combined	W-12+-3 = W 15 W 15
	COMPLINED	