Name: Weekly Math Homework – U2:W5

Monday	Tuesday	Wednesday	Thursday
Solve using order of operations: $4 + (9 \cdot 2) \div (4 - 1) - 4$	Solve: $\frac{3}{10} + 2\frac{4}{9}$	Simplify Using Exponent Rules: $(5^5)^3 =$ $\frac{(4^3)^5 \cdot 4^3}{4} =$	Convert $0.\overline{6}$ to a fraction
Simplify using exponent rules: $\frac{x^2y^5}{x^2y} =$ $7^5 \cdot 7^{-13} =$	Convert 0.36 to a reduced fraction	Solve: $4\frac{4}{5} \cdot 2\frac{1}{2}$	John has to pay $7.00 admission for the skating rink and $1.50 per hour to rent rollerblades. How many hours can he skate for $19? Write an equation and solve.
Convert $\frac{1}{5}$ to a percent	Simplify by combining like terms: $-4 + 5x - 17 - 22x$	Solve: $-23 = x - 23$	
Circle all the problems that are equivalent to 4^4 $4^3 \cdot 4$ 4^{-4} $(\frac{1}{4})^{-4}$ $4^3 \cdot 4^{-1}$ $(\frac{1}{4})^4$ $\frac{4^5}{4}$	Multiply the following. Put answer in scientific notation $3.4\ x\ 10^9 \cdot 6.6\ x\ 10^3$	Add the following. Put answer in scientific notation $3.4\ x\ 10^2 + 6.6\ x\ 10^4$	Simplify using exponent rules $5^2 \cdot 5^3 =$ $\left(\frac{1}{7}\right)^{-1} =$
Solve: -4 – x = 9	Solve: $6 - \frac{2}{9}x = 8$	Solve: $-7 = -1 + \frac{x}{3}$	Solve: $4 + x - 17 = 22$
Solve: $\frac{3}{4}x + 4 = 22$	Divide the following. Put answer in scientific notation $8.6\ x\ 10^9 \div 3.4\ x\ 10^2$	Solve: $2x + 18 - 1 = 33$	Add the following. Put answer in scientific notation. $9.2\ \text{X}\ 10^3$ $+3.4\ \text{X}\ 10^4$
Subtract the following. Put answer in scientific notation $9.2\ x\ 10^3 - 3.4\ x\ 10^4$	Simplify using exponent rules $(\frac{1}{5})^{-4} =$ $5^{-4} =$	Solve: 4(2x + 9) = 52	Solve: $3(3x - 9) - 8 = 46$
Add the following. Put answer in scientific notation $4.0\ x\ 10^7 + 2.8\ x\ 10^5$	Solve: $3x + 15 - 7x = -7$	How many times larger is $6.5\ x\ 10^5$ than $1.5\ x\ 10^3$?	Simplify by combining like terms: $\frac{3}{4}x - 7.3 + \frac{5}{4}x + 21.3$

My Work

Monday	Tuesday
Wednesday	Thursday