Name: U2:Week 6 8th

| Tuesday | Wednesday | Thursday |
|---|---|---|
| Solve using order of operations:<br>$4 + (9 \cdot 2) \div (4 - 1) - 4$ | Solve:<br>$\frac{3}{10} + 2\frac{4}{9}$ | Simplify Using Exponent Rules:<br>$(5^5)^3 =$<br>$\frac{(4^3)^5 \cdot 4^3}{4} =$ |
| Simplify using exponent rules:<br>$\frac{x^2y^5}{x^2y} =$<br>$7^5 \cdot 7^{-13} =$ | Convert 0.36 to a reduced fraction | Solve:<br>$4\frac{4}{5} \cdot 2\frac{1}{2}$ |
| Convert $\frac{1}{5}$ to a percent | Simplify by combining like terms:<br>$-4 + 5x - 17 - 22x$ | Solve:<br>$-23 = x - 23$ |
| Circle all the problems that are equivalent to $4^4$<br>$4^3 \cdot 4$ $4^{-4}$ $\left(\frac{1}{4}\right)^{-4}$<br>$4^3 \cdot 4^{-1}$ $\left(\frac{1}{4}\right)^4$ $\frac{4^5}{4}$ | Put the following into scientific notation:<br>3,400<br>0.00054 | Add the following. Put answer in scientific notation<br>$3.4 \times 10^2 + 6.6 \times 10^4$ |
| Solve:<br>-4 – x = 9 | Solve:<br>$6 - \frac{2}{9}x = 8$ | Solve:<br>$-7 = -1 + \frac{x}{3}$ |
| Solve:<br>$\frac{3}{4}x + 4 = 22$ | Identify the following as rational or irrational:<br>5 2/3 0.7324… | Solve:<br>$2x + 18 - 1 = 33$ |
| Solve:<br>$x^2 = -81$ | Simplify using exponent rules<br>$\left(\frac{1}{5}\right)^{-4} =$<br>$5^{-4} =$ | Solve:<br>4(2x + 9) = 52 |
| Solve:<br>$2x^2 = 72$ | Solve:<br>$3x + 15 - 7x = -7$ | Solve:<br>$x^2 = 16$ |