

Name:

Weekly Math Homework – U1:W4

| Monday  | Tuesday   | Wednesday  | Thursday   |
|---|---|--|--|
| Write the following number in scientific notation.<br>$1,340,000,000 =$ _____<br>$0.000003408 =$ _____            | The high temperature for Saturday was $13^{\circ}\text{F}$ , and the low temperature was $-4^{\circ}\text{F}$ . What was the difference between the two temperatures? | Compare the following rational numbers:<br>$\frac{3}{4}$ $0.7$   | Compare the following rational number:<br>$40\%$ $\frac{2}{5}$   |
| Write the following in standard form.<br>$5.48 \times 10^{-4}$  | Write the standard form of the following number.<br>$1.2 \times 10^7 =$ _____<br>$7.82 \times 10^{-5} =$ _____  | Order the following from least to greatest:<br>$\frac{1}{5}, 0.25, 2.5 \times 10^{-3}, 2\%$  | Order the following from least to greatest:<br>$30\%, \frac{5}{9}, 0.7$  |
| $-\frac{2}{3} + \frac{3}{5}$  | $-4\frac{1}{2} - 6\frac{2}{3}$  | A pizza has 3 toppings with no toppings overlapping. Pepperoni tops $\frac{1}{3}$ of the pizza and mushrooms top $\frac{2}{5}$ . The rest is topped with sausage. What fractions is topped with sausage. |  |
| Solve $\sqrt{100}$  | Solve $\sqrt{225}$  | $-\frac{2}{3} \bullet -\frac{2}{3}$  | $-4\frac{2}{5} \div 2$   |
| Convert $2\frac{1}{8}$ to a decimal   | Crystal is making $1\frac{1}{2}$ times a recipe. The original recipe calls for $3\frac{1}{2}$ cups of milk. How many cups of milk does she need                       |  | Convert $\frac{3}{5}$ to a percent   |
| What two integers does $\sqrt{50}$ fall between?<br>A) 7 and 8<br>B) 8 and 9<br>C) 9 and 10<br>D) It's exactly 25 | Convert $0.\overline{25}$ to a fraction.  | Convert $\frac{7}{80}$ to a decimal  | Which of the following numbers are rational? (circle all that apply)<br>$\sqrt{8}, 6.2, 3\frac{5}{7}, \sqrt{49}, 5,$ |
| Circle any 2 factors of 400.<br>A) 20 and 20<br>B) 375 and 25<br>C) 2 and 200<br>D) 399 and 1                     | Select the two roots of 400.<br>A) 4 and 100<br>B) 40 and 10<br>C) 2 and 200<br>D) 20 and 20  | Estimate $\sqrt{60}$ to the nearest whole number   | Determine which is greater. $\sqrt{94}$ or 10. Explain your reasoning.   |
| Solve $\sqrt[3]{512}$   |   |  |  |
| $3\frac{1}{3} \cdot 1\frac{3}{6}$   | $1\frac{1}{8} \div 1\frac{3}{5}$  | Solve $\sqrt{\frac{25}{49}}$   | Solve $-\sqrt{64}$   |

# My Work

Monday

Tuesday

Wednesday

Thursday

