Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block: 1st, 3rd, or 4th Week of: February 24th – 28th, 2014

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| 1) Solve and graph the solution:$$15+x>10$$ | 1) Solve and graph the solution:$$x-23\leq -10$$ | 1) Solve and graph the solution:$$9+x<4$$ | 1) Solve and graph the solution:$$x-14\geq -5$$ | 1) Solve and graph the solution:$$10+x>8$$ |
| 2) Circle all the possible solutions to the inequality below:$$\frac{x}{-3}\leq 5$$$$-15 -16 -14 0 5 $$$$-19 -9 -24 -3$$ | 2) Circle all the possible solutions to the inequality below:$$-2x>-26$$$$13 11 9 7 15 17 $$$$-13 0 18 22 12 19$$ | 2) Circle all the possible solutions to the inequality below:$$\frac{x}{-5}\leq 2$$$$ $$$$-4 -6 -8 -10 -12$$$$-5 -7 -9 -11 -13 $$ | 2) Circle all the possible solutions to the inequality below:$$-5x<15$$$$0 3 -3 -7 -1 $$$$2 -10 23 20 -6$$ | 2) Circle all the possible solutions to the inequality below:$$\frac{x}{-10}\geq 4$$$$-30 -40 -50 -60$$$$-25 -35 -45 -15$$ |
| 3) A Wii U, originally priced at $250, was on sale for 10% off. How much will John save? | 3) Best Buy is selling Blue Rays for $19.99. If sales tax is 4.5%, what is the total cost for a Blue Ray? | 3) Ivan’s bill at Chili’s was $23.75. How much money should Ivan leave as a tip if he plans to tip 15%? | 3) Amanda wants to buy rain boots that cost $35. Rue 21 is having a sale on all boots for 30% off. How much will Amanda pay for the boots? | 3) Mr. Dulin buys a bag of candy for $8.25. If sales tax is 6%, what is the total cost including tax? |
| 4) What must the value of x be in order for the figures below to be similar? | 4) What must the value of x be in order for the figures below to be similar? | 4) What must the value of x be in order for the figures below to be similar? | 4) What must the value of x be in order for the figures below to be similar? | 4) What must the value of x be in order for the figures below to be similar? |

Helpful solutions for weekly problems.

|  |  |
| --- | --- |
| 1) Solve and graph the solution: $8+x>3$  | 2) Circle all the possible solutions to the inequality below:$$\frac{x}{-7}>5$$$$-35 -25 -45 -39 -34 -36 -37 -24$$ |
| 3) A Wii U, originally priced at $300, was on sale for 20% off. How much will John save? | 4) What must the value of x be in order for the figures below to be similar? |