Homework Assignment #2

1. Use tiles to model each integer in two different ways. Draw the tiles. (6 points)
   1. -5
   2. +3
   3. 0
2. What sum does each set of tiles model? Write the addition equations. (8 points)
   1. 6 yellow tiles and 1 red tile
   2. 5 yellow tiles and 7 red tiles
   3. 4 yellow tiles and 4 red tiles
   4. 2 red tiles and 3 yellow tiles
3. Use a number line to add the following equations. (8 points)
   1. (-10) + (+8)



* 1. (+6) + (-5)

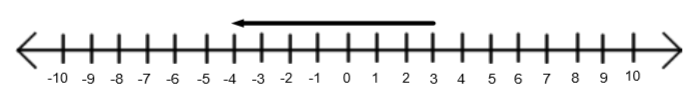


* 1. (-5) + (+12)



* 1. (-8) + (+8)



1. Write an addition equation for each situation. (6 points)
   1. Mike earned $50, and spent $20. How much did Mike then have?
   2. The temperature is 5°C, then drops 10°C. What is the final temperature?
   3. A city has 52 000 people. A new factory opens and 500 people move to town. What is the new population of the city?
2. Write the addition equation modelled by each number line. (4 points)
   1. 
   2. 
3. Subtract (8 points)
   1. (-4) – (-1)
   2. (-9) – (+5)
   3. (+8) – (-2)
   4. (+4) – (+5)