Multi-Step Equations - Integers

1) A gardener plants three different saplings at East Green, Central Park. The number of magnolia saplings he planted was 3 less than crab apple saplings. The Kwanzan cherry saplings planted amounted to twice the number of magnolias. If 35 saplings were planted in all, how many Kwanzan cherry saplings he planted?

2) Mrs. Wilson's class was asked to paint clay figurines. There were 24 pots of paint in all, of which 6 pots contained yellow paint and a few pots had green paint. Besides, there were 2 more pots of brown paint than green paint. How many pots contained green paint?

3) Gina's mom filled a pinata with 45 lollypops, a few milk chocolates and peanut butter cups. The number of peanut butter cups in the pinata was twice the other types of candies. If there were 150 candies in all, how many milk chocolates were in the pinata?

4) Emma, Noah and Mindy volunteer for a Read Out program at a local preschool every day. Emma reads 2 hours less than Noah. Mindy reads for twice as many hours as Emma. Together, they volunteer for a total of 78 hours in a week. How many hours did Mindy read in a week?

5) The sum of three consecutive numbers is 141. Find the least and the greatest numbers in the series.
1) A gardener plants three different saplings at East Green, Central Park. The number of magnolia saplings he planted was 3 less than crab apple saplings. The Kwanzan cherry saplings planted amounted to twice the number of magnolias. If 35 saplings were planted in all, how many Kwanzan cherry saplings he planted?

16 Kwanzan cherry saplings

2) Mrs. Wilson's class was asked to paint clay figurines. There were 24 pots of paint in all, of which 6 pots contained yellow paint and a few pots had green paint. Besides, there were 2 more pots of brown paint than green paint. How many pots contained green paint?

8 pots of green paint

3) Gina's mom filled a pinata with 45 lollypops, a few milk chocolates and peanut butter cups. The number of peanut butter cups in the pinata was twice the other types of candies. If there were 150 candies in all, how many milk chocolates were in the pinata?

5 milk chocolates

4) Emma, Noah and Mindy volunteer for a Read Out program at a local preschool every day. Emma reads 2 hours less than Noah. Mindy reads for twice as many hours as Emma. Together, they volunteer for a total of 78 hours in a week. How many hours did Mindy read in a week?

38 hours

5) The sum of three consecutive numbers is 141. Find the least and the greatest numbers in the series.

46 and 48