Story Problems Using 2-Step Equations

Name:_____

7th Grade Math

Write an equation, then solve it.

1. On the ball rack there are 3 times more basketballs than volleyballs. If the rack currently contains 32 balls. How many of each type of ball are there?

2. A recipe for punch says to mix 2 parts of orange juice to 3 parts of pineapple juice. If you need to make 50 cups for a party, how many cups of each juice will you need?

3. A recipe for trail mix call for 3 parts peanuts, 2 parts cashews, and 1 part raisins. If you need to make 8 cups of trail mix, how many cups of each ingredient do you need?

4. Last year the ratio of rainfall in each season, winter, spring, summer, fall were 2 : 4 : 1 : 3 respectively. If there were 120 total inches of rainfall last year, how many inches fell each season?