

1.- John is 15 kgs heavier than Samuel who weighs twice as much as Paul. If the three together weigh 125 kgs, how much does John weigh?

2.- The ratio of Sam's tickets to Henry's started as 7:3. After Sam gave Henry 14 of his tickets, both boys had the same number of tickets. How many tickets did Henry start with?

3.- The fruit bowl contains red and green grapes. Initially, two thirds ($\frac{2}{3}$) of the grapes are green. After two sevenths ($\frac{2}{7}$) of the green grapes are eaten, there are 20 green grapes left. How many of the grapes are red?

4.- This year I am 9 times older than my grandson. Next year I will be 8 times older than my grandson. This year how old are my grandson and I?

5.- The lengths of the sides of a quadrilateral are four consecutive whole numbers. If its perimeter is 86 inches, find the length of the shortest side.

6.- Angelica had \$250. She bought 8 shirts at \$X each.

- Express the amount of money she had left in terms of X.
- If $X = 10$, how much money did she have left?

7.- Jeffrey had Y cookies. He ate 8 cookies and shared the remaining cookies among his 6 cousins equally.

- How many cookies did each cousin receive? Express your answer in terms of Y
- If $y = 80$, how many cookies did each cousin receive