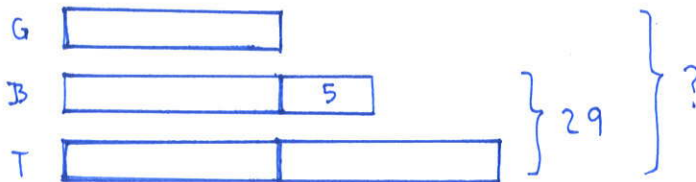


SPRINGDALE PRIMARY SCHOOL
2017 Parents' Seminar - Mathematics
Strategies for Model-Drawing II

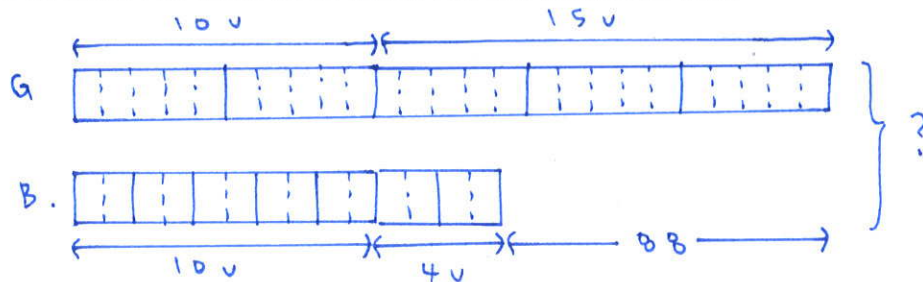
Question 1

There are 5 more boys than girls on a trip. There are twice as many teachers as girls on the trip. Not counting the girls, there are 29 persons on the trip. How many persons are on the trip altogether?



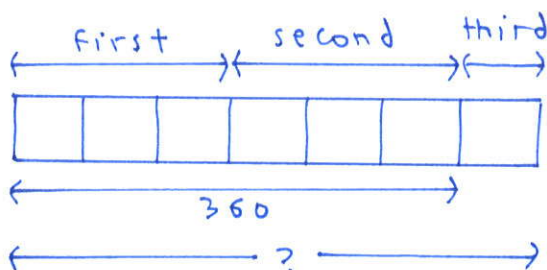
Question 2

There are some children in a concert hall. $\frac{2}{5}$ of the number of girls is as many as $\frac{5}{7}$ of the number of boys. There are 88 fewer boys than girls. Find the total number of children in the concert hall.



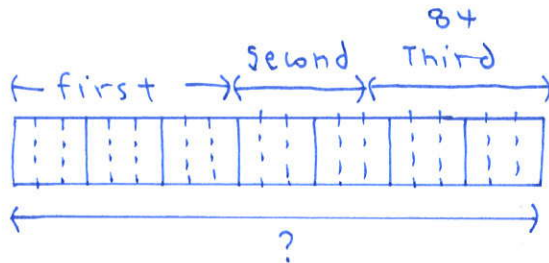
Question 3

A store started selling iPhone7. On the first day, it sold $\frac{3}{7}$ of its stock. On the second day, it sold $\frac{3}{4}$ of the remaining stock. On the third day, it sold the remaining pieces. 360 pieces of iPhones were sold during the first 2 days. How many pieces of iPhones were sold altogether?



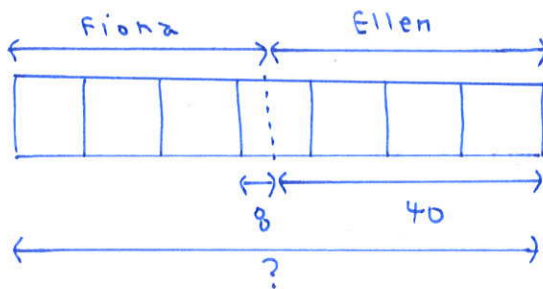
Question 4

A store started selling iPhone7. On the first day, it sold $\frac{3}{7}$ of its stock. On the second day, it sold $\frac{5}{12}$ of the remaining stock. On the third day, it sold the remaining 84 pieces. How many pieces of iPhones were sold altogether?



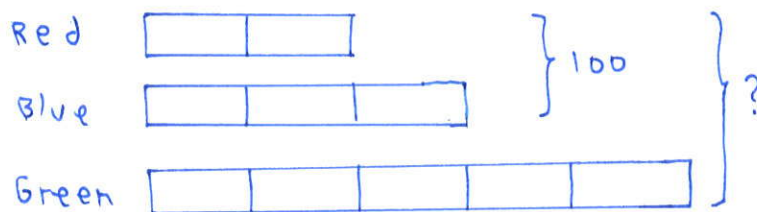
Question 5

Ellen and Fiona shared the cost of a present for their friend. Fiona paid \$8 more than $\frac{3}{7}$ of the cost of the present. Ellen paid \$40. Find the cost of the present.



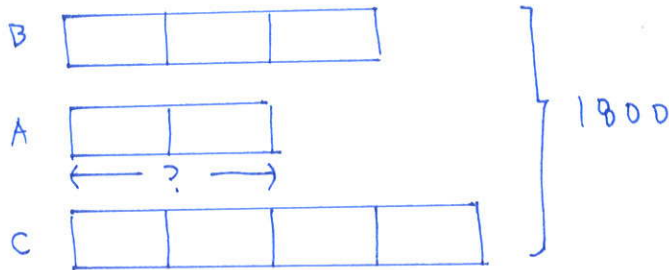
Question 6

The ratio of the number of red pebbles to the number of blue pebbles is 2 : 3. The ratio of the number of green pebbles to the number of red pebbles is 5 : 2. There are 100 blue and red pebbles together. Find the total number of red, blue and green pebbles.



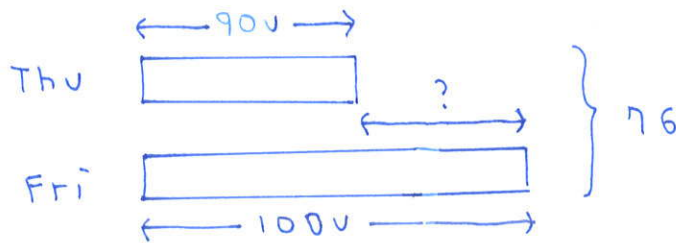
Question 7

A 1.8-litre solution is made by mixing three chemicals. The ratio of the volume of Chemical B to that of Chemical A is 3 : 2. The amount of Chemical A used is $\frac{1}{2}$ of that of Chemical C. Find the volume of Chemical A needed to make the solution.



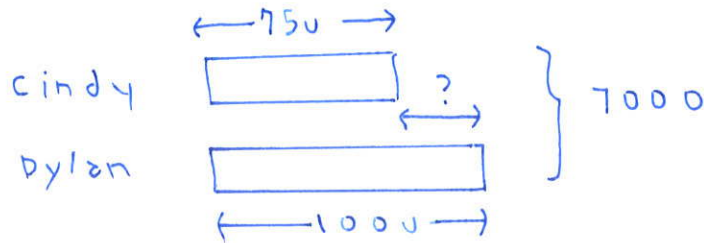
Question 8

Paul's paycheck for Thursday is 90% of his paycheck for Friday. His total pay for Thursday and Friday is \$76, How much more did he earn on Friday than Thursday?



Question 9

Cindy's salary is 25% less than Dylan's salary. Their combined salary is \$7000. Find the difference in their salaries.



Question 10

In February, the number of tourists who visited the zoo decreased by 20% compared to January. In March, 60 000 tourists visited the zoo. This was a 50% increase in the number of tourist compared to February. How many tourists visited the zoo in January ?

