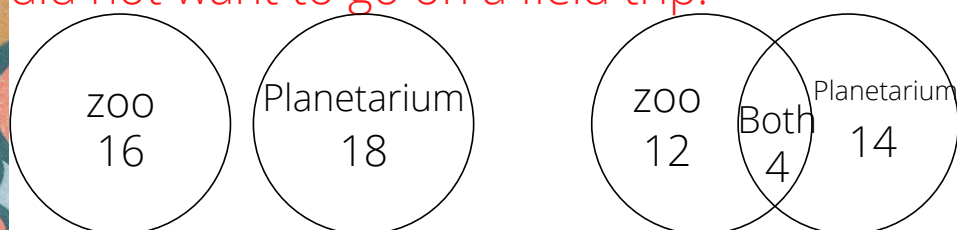


Venn Diagram

1) In Andrew's class, 16 students want to go on a field trip to the zoo and 18 students want to go to the planetarium. If there are 38 students in the class and 4 of them want to do both, How many did not want to go on a field trip.



Students liked to go field trip = $12 + 4 + 14 = 30$

Answer: Student do not like field trip = $38 - 30 = 8$

2) Create a venn diagram for the following animals. Tiger, Chickens, Dogs, Lions, Cows, Cheetah, Bear, Sheeps, cats, Giraffe, Fox. Use animals that are farm animals and that are wild animals as your categories.



3) Thirty five adults were asked if they like coffee or tea. 20 said coffee, 15 said tea and 10 said they like both. How many do not like either coffee and tea.



Total adults like either coffee or tea or both = $10 + 10 + 5 = 25$

Total adults either do not like coffee or tea = $35 - 25 = 10$