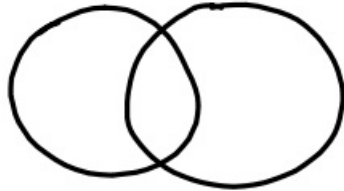


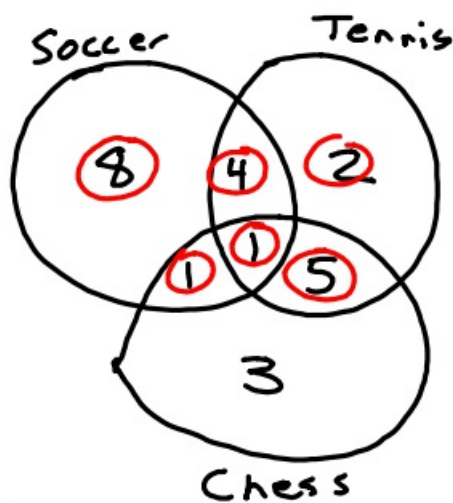
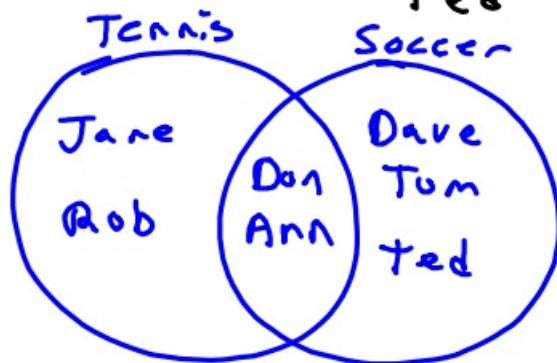
9-11-18 5<sup>th</sup> Geo

# Euler

Venn diagrams

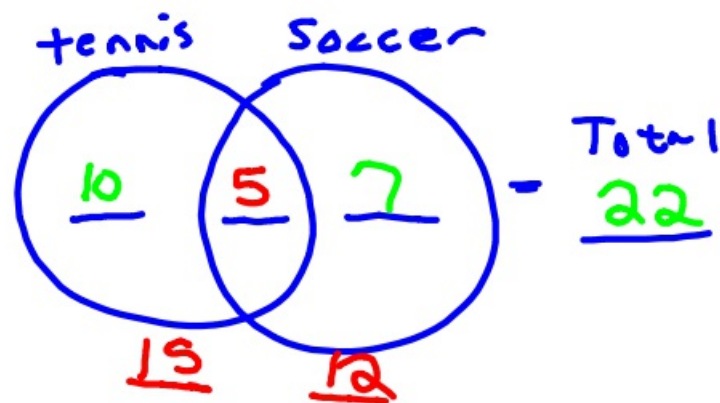


<u>Tennis</u>	<u>Soccer</u>
Rob	Dave
Jane	Don
Don	Ann
Ann	Tom
	Ted

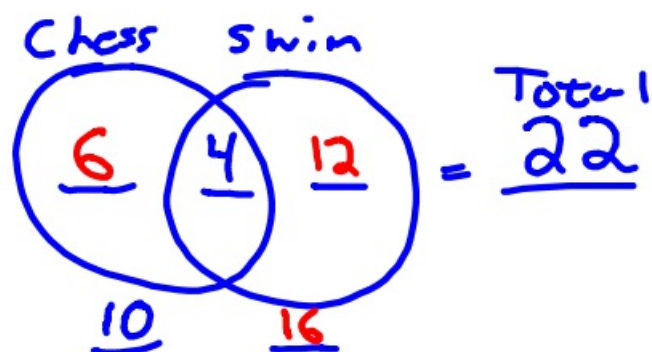


Oral  
question

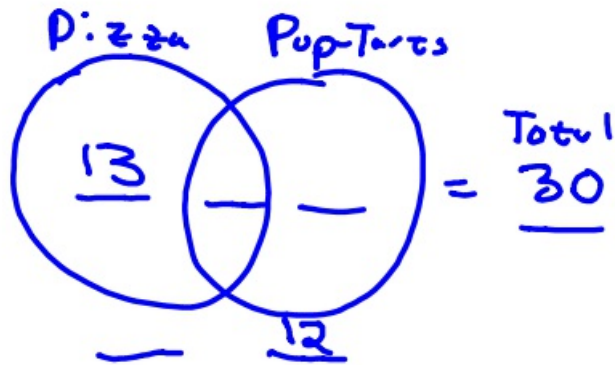
- ① 15 kids are on the tennis team and 12 are on the soccer team. If 5 play both, how many kids play on the two teams?



- ② Everyone is either a chess player or swimmer. If 10 do chess out of the 22 kids in my room and 4 play both, how many kids swim?

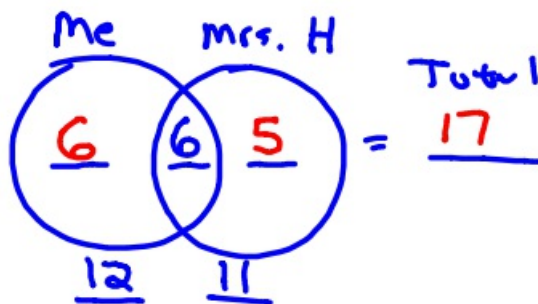


- ③ There are 30 kids in my room. All like pizza or pop tarts. 13 like just pizza. 12 like pop tarts. How many like both?

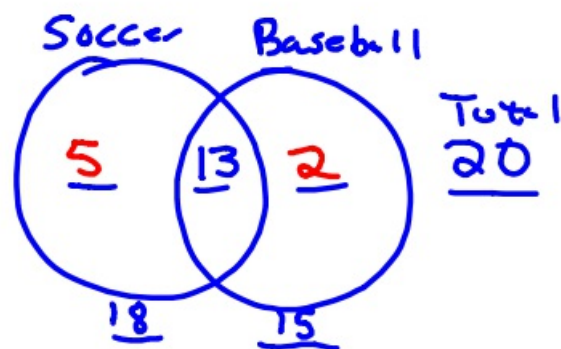


Not possible

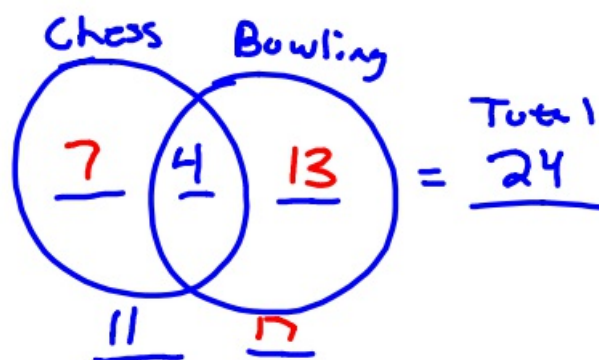
- ④ There are 6 kids who like me and Mrs. Hickam. If 12 like me and 11 like her, how many kids are there?



- ⑤ Of the 20 kids in the class, everyone likes soccer or baseball. If 18 like soccer and 15 like baseball, how many like just soccer and not baseball? **5**

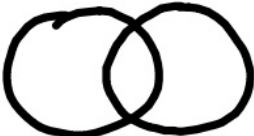


- ⑥ 4 kids are on both the chess team and bowling team. A total of 11 are on the chess team and a total of 24 who are on the chess or bowling team. How many kids are on the bowling team? **17**



9-11-18 6<sup>th</sup> Geo

Euler

Venn diagrams 

Soccer

Joe

Rick

Ann

Tom

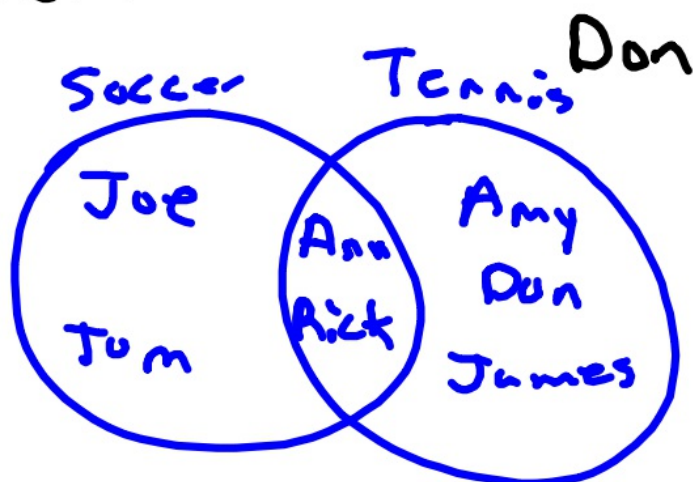
Tennis

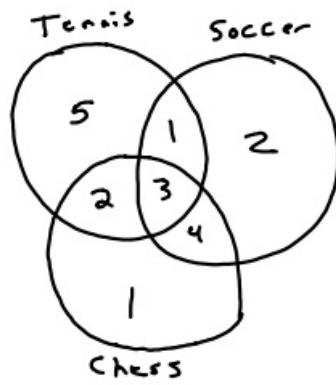
Ann

Amy

Rick

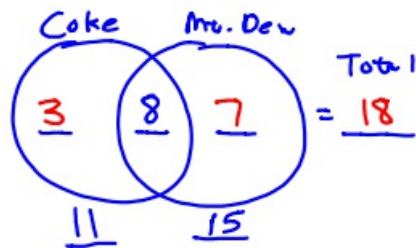
James



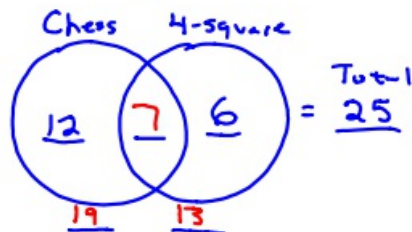


Oral questions

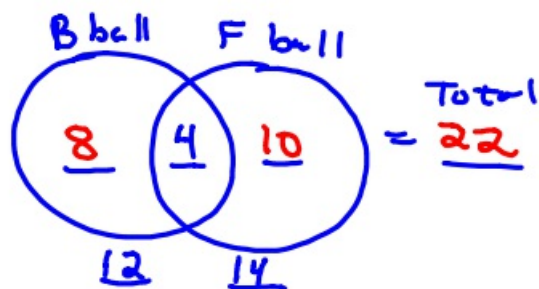
- ① There are 8 kids who like Coke and Mt. Dew. 15 like Mt. Dew and 11 like Coke. If everyone I asked liked one or the other, how many kids did I ask? **18**



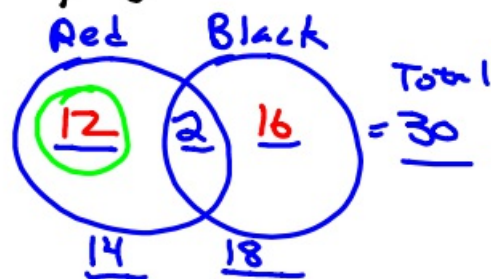
- ② Everyone plays chess or 4-square. 12 play just chess and 6 play just 4-square. If there are a total of 25 kids who play chess or 4-square, how many total chess players are there? **19**



- ③ There are 12 kids on the baseball team and 14 on the football team. If 4 do both, how many total kids are there?



- ④ There are a total of 30 kids in my room. All like the color red or black. If 14 like red and 18 like black, how many just like red? 12



⑤ There are 18 kids on my soccer team and 4 play tennis, too. If there are a total of 30 kids who play either soccer or tennis, how many play just tennis? **12**

