Two-Way tables

	Male	Female	Total
Social Sport			
Serious Sport			
No Sport			
Total			

	Smartphone	No Smartphone	Total
Face Book User			
Not use FB			
Total			

Two-Way table Worksheet

1) How many people do serious sport?

2) How many females?

3) What is the probability of someone being seriously sporty?

4) What is the probability of being a males not involved in sport?

5) What is the probability of being a social sport female?

6) What is the probability that a social sports person happens to be male?

7) What is the probability of being 'you'?

8) From the males, what is the probability of being not sporty?

9) From the females, what is the probability of being not sporty?

10) What is the probability of 'no sport' from all people?

11) How does the probability of 'no sport' change depending on being male or female?

12) How many people have a smart phone?

13) What is the probability of someone being a face book user?

14) What is the probability of someone having neither?

15) What is the probability of someone being a face book user and/or having a smart phone?

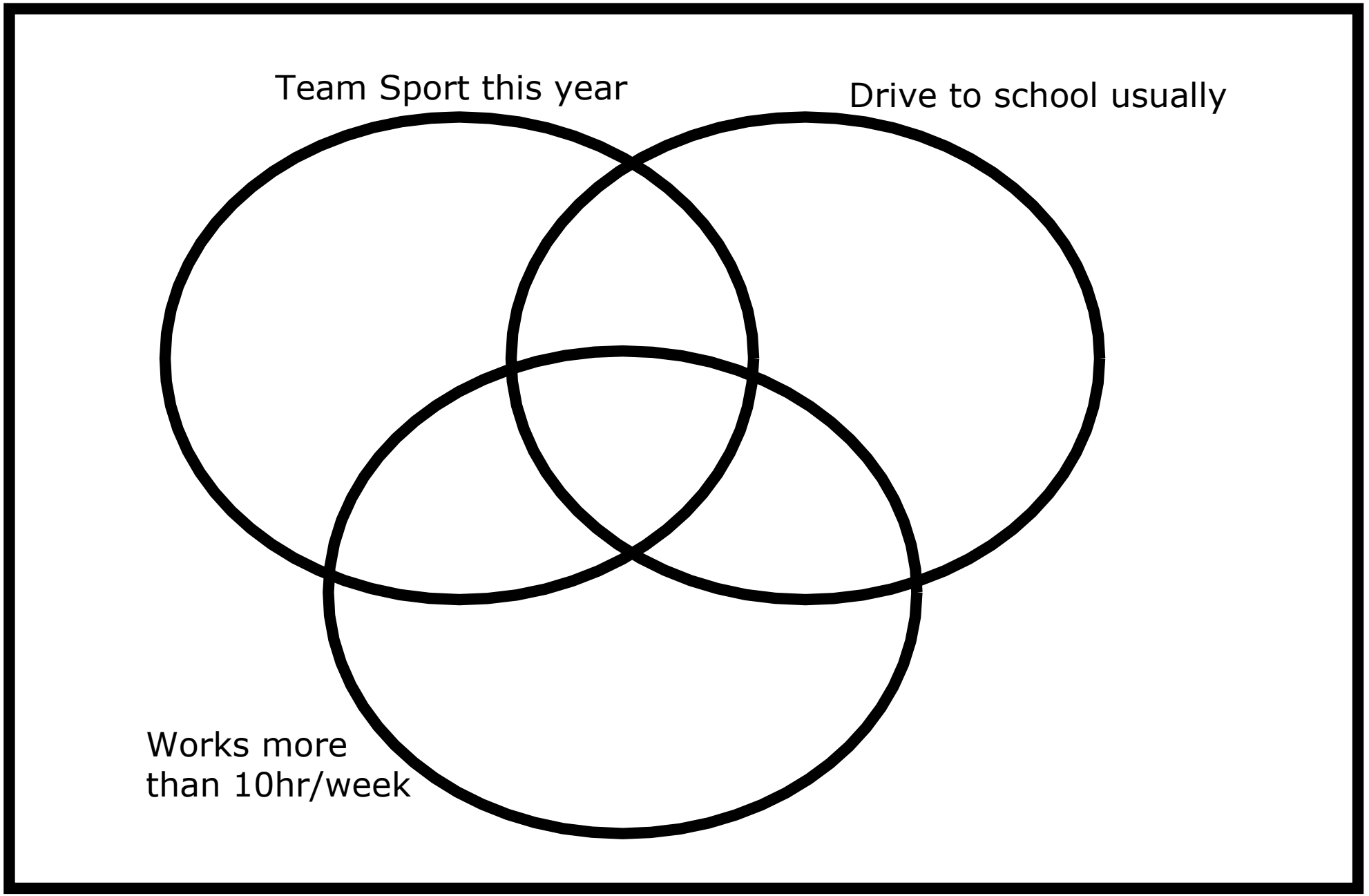
16) What is the probability of someone being a face book user?

17) From the Smartphone group what is the probability of being a face book user?

18) From the Non-Smartphone group what is the probability of being a face book user?

19) How do these two groups compare?

20) Is there I similar effect when comparing the face book and non face book groups probability of having a Smartphone. Investigate


Team Sport this year
Drive to school usually
Works more
than 10hr/week

Venn Diagram Worksheet

1) How many people play team sport?

2) How many people drive to school?

3) What is the probability of someone usually driving to school?

4) What is the probability of someone being involved in team sport?

5) What is the probability of someone working and being involved in team sport?

6) What is the probability of driving and not involved in team sport?

7) What is the probability of doing all 3 things?

8) What is the probability of ONLY doing ONE of the '3 activities'?

9) What is the probability of doing exactly TWO of the '3 activities'?

10) What is the probability of doing none of the '3 activities'

11) What is the probability of being 'you'?

12) From the drivers, what is the probability being in a team sporty?

13) From the 'workers', what is the probability of being in a team sport?

14) How does the probability of 'driving' change depending on being in a team sport? Investigate.