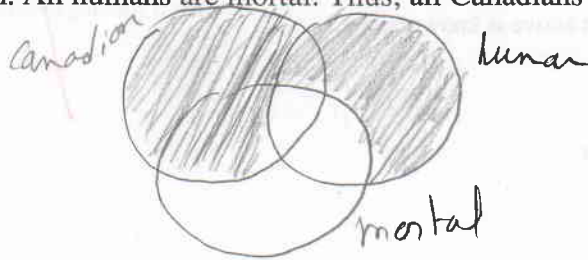


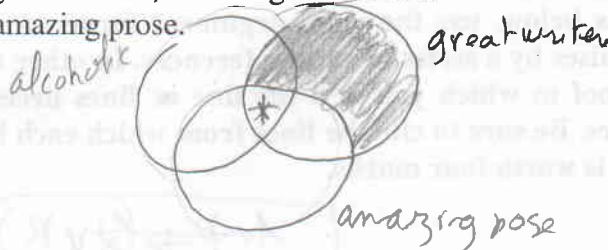
VI. Draw a Venn diagram for each categorical syllogism and state whether the argument is valid or invalid. Each is worth two marks.

1. All Canadians are human. All humans are mortal. Thus, all Canadians are mortal.



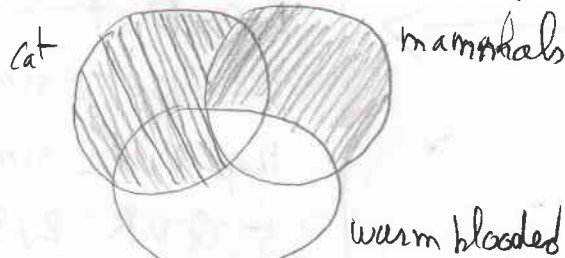
Valid 2

2. Some alcoholics are great writers, and all great writers write amazing prose. Therefore, some alcoholics write amazing prose.



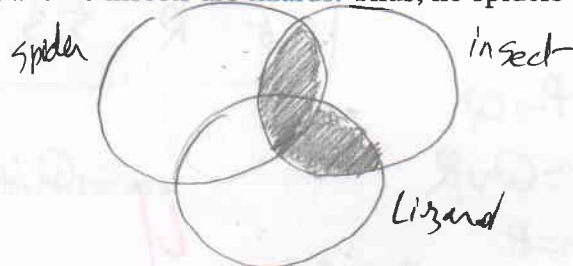
Valid 2

3. All cats are mammals. All mammals are warm-blooded. Thus, all cats are warm-blooded.



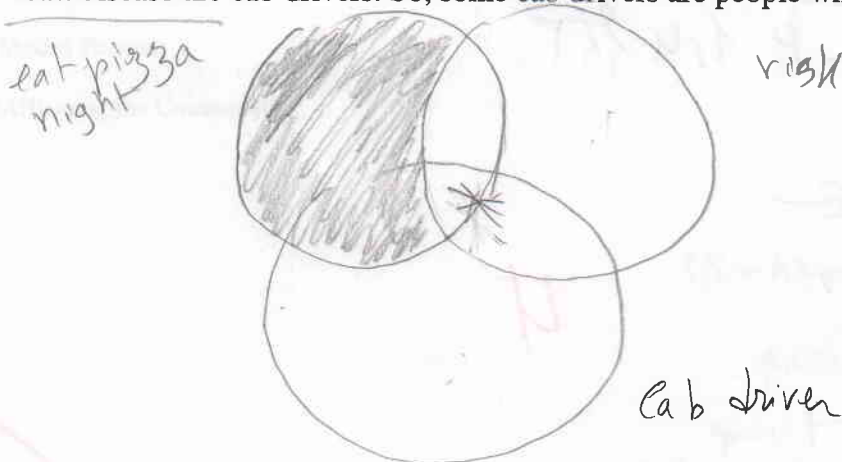
Valid 2

4. No spiders are insects, and no insects are lizards. Thus, no spiders are lizards.



Invalid 2

5. All those who eat pizza every night are at risk for heart disease. Some people who are at risk for heart disease are cab drivers. So, some cab drivers are people who eat pizza every night.



risk for heart disease 2

Invalid

10