8 people are measured on the following variables:

            years of education                     intelligence

                        10                                    20

                        11                                    25

                        8                                      15

                        12                                    22

                        10                                    18

                        9                                      20

                        12                                    26

                        9                                      21

            calculate Pearson's r

           describe what this means using variance.

2. The correlation between religious commitment and how much people approve of divorce is .56. Draw a Venn Diagram and describe what this means in terms of variance.

3. The correlation between amount of driving and number of accidents is .68.  Explain this using variance.