Venn diagrams

1) Sort out the odd element from the following sets:

A {church, school, university, college}

B {pupil, student, teacher, farmer}

C {orange, lemon, banana, beans, mango, apple}

2) The following is a representation of two sets, A and B.

\[
\begin{array}{c}
\text{B} \\
1 & 2 & 3 \\
4 & 5 & 8 \\
\end{array}
\]

\[
\begin{array}{c}
\text{A} \\
3 \\
\end{array}
\]

a) \( A \cap B \)  

b) \( A \cup B \)  

c) Elements of the set A  

c) Elements of the set B