NAME_____   DATE _____

Solving Problems with Venn Diagrams

Assignment Week 3

Question 1:

In Form 5 there are 80 students. 55 students like Art and 42 like Dance. Some students like both Art and Dance. Calculate how many students like both subjects.

Given U = _____

 No. of students who like Art, **n(A) =** _____

 No. of students who like Dance, **n(D)=** _____

 No. of students who like both Art and Dance, **n(A ∩ D) = n**

U = _____

$-n + n + \quad -n =$

$+ \quad -n =$

$-n =$

$n = \quad - \quad =$ _____ **students**

n( )=__   n( )=__

$-n$ n $-n$