

Given : 10% of the students who are susceptible to tuberculosis are less than 20 years of age

	T	N
L	0.1T	
G		

Step 1: Therefore, 90% of the students who are susceptible to tuberculosis are 10 years or older.

	T	N
L	0.1T	
G	0.9T	

Step 2: 9% of the total students are more than or equal to 20 years of age and are susceptible to tuberculosis

	T	N
L	0.1T	
G	0.9T = 9% of total students	

Step 3: Therefore, 10% of total students are susceptible to tuberculosis. And 90% of students are not susceptible to tuberculosis.

	T	N
L	0.1T	
G	0.9T = 9% of total students	
	10% of total students	90% of total students

Step 4: 40% of the students who are not susceptible to tuberculosis are more than or equal to 20 years of age

	T	N
L	0.1T	
G	0.9T = 9% of total students	40% of N
	10% of total students	90% of total students

Last step:

	T	N
L	0.1T	
G	0.9T = 9% of total students	40% of 90% of total = 36%
	10% of total students	90% of total students