

Answer on Question # 41474, Math, Algebra

In a survey of a TriDelt chapter with 50 members, 24 were taking mathematics, 30 were taking English, and 9 were taking both. How many were not taking either of these subjects?

Solution: Let's count quantity of members that were taking only mathematics:

$$24 - 9 = 15$$

Let's count quantity of members that were taking only English:

$$30 - 9 = 21$$

Now we will know the sum of members, that take only math, only English and both:

$$15 + 21 + 9 = 45$$

Finally, we count quantity of members that weren't taking either of the subjects:

$$50 - 45 = 5$$

Answer: 5