<u>Problem of the Week #16</u> Dumplings, Noodles or Sushi?



I asked 30 students, "Do you like dumplings, noodles or sushi? You can choose 1, 2, 3 or none."

Here are the results:





6 students liked all 3.

In total

3 students liked dumplings and noodles.

2 students liked noodles and sushi.

1 student liked dumplings and sushi.

11 students liked sushi.16 students liked dumplings.20 students liked noodles.

Can you fill in the missing numbers on the triple Venn Diagram? Bonus: How many students like **none** of these options?

Show your work and explain your thinking.



Name:

Class: