

## Pizza Toppings



First grade students surveyed the faculty of their school to find out their favorite kinds of pizza. They found that 20 liked pepperoni, 23 liked sausage and 17 liked mushrooms. Of these faculty members, 2 were vegetarian and only ate mushrooms, 6 liked sausage and mushrooms together and 5 liked pepperoni and sausage combined. Eight liked all three toppings on their pizza. How many faculty members responded to the survey?