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Party Planning

Mark is planning a party for his friends. He does not know how many people will be attending, but he does have some rules for what he is going to purchase.

Shopping List

- Two chocolate bars per person
- Four more cups than people
- Three fewer apples than people
- Four biscuits per person
- One bottle of lemonade for every two people
- Three sausage rolls per person, plus six spares

Can you help Mark answer the following questions? For each one you must fully explain your answer using at least one example.

- 1. Will there be more chocolate bars or biscuits at the party?
- 2. Will there be more cups or apples at the party?
- 3. Will there be more apples or chocolate bars?
- 4. Will there be more biscuits or sausage rolls?
- 5. Will there be more lemonade or apples?

Imagine twelve people come to Mark's party. Write down how much of each item he will need to buy.

Mathematics. Solved.