Problem of the Week
Problem B
Birthday Presents

Paula and Quinn are twins. Their friends have saved money to buy them some gifts. Aleta has saved \$30, Benji has saved \$25, and Carolina has saved \$28. They have done some research on possible gifts and their costs:

- Both Paula and Quinn would like a pair of warm socks that are \$7 per pair.

- Paula wants some guitar picks for \$6 and a yo-yo that is \$7.

- Quinn would like some art pencils that are \$21.

- Both like chocolate mints that are \$4 per box.

(a) If they combine their savings, how much will be left after purchasing these gifts? You may ignore taxes.

(b) Other items they are considering are a hoodie for \$20, slippers for \$10, a diary for \$6, and a water bottle for \$16. They also have to buy some wrapping paper and ribbons, which is \$5 in total for both twins.

If they want to spend all their money and also spend about the same total amount on each person, which of the additional items could they buy for each of Paula and Quinn? You may ignore taxes.