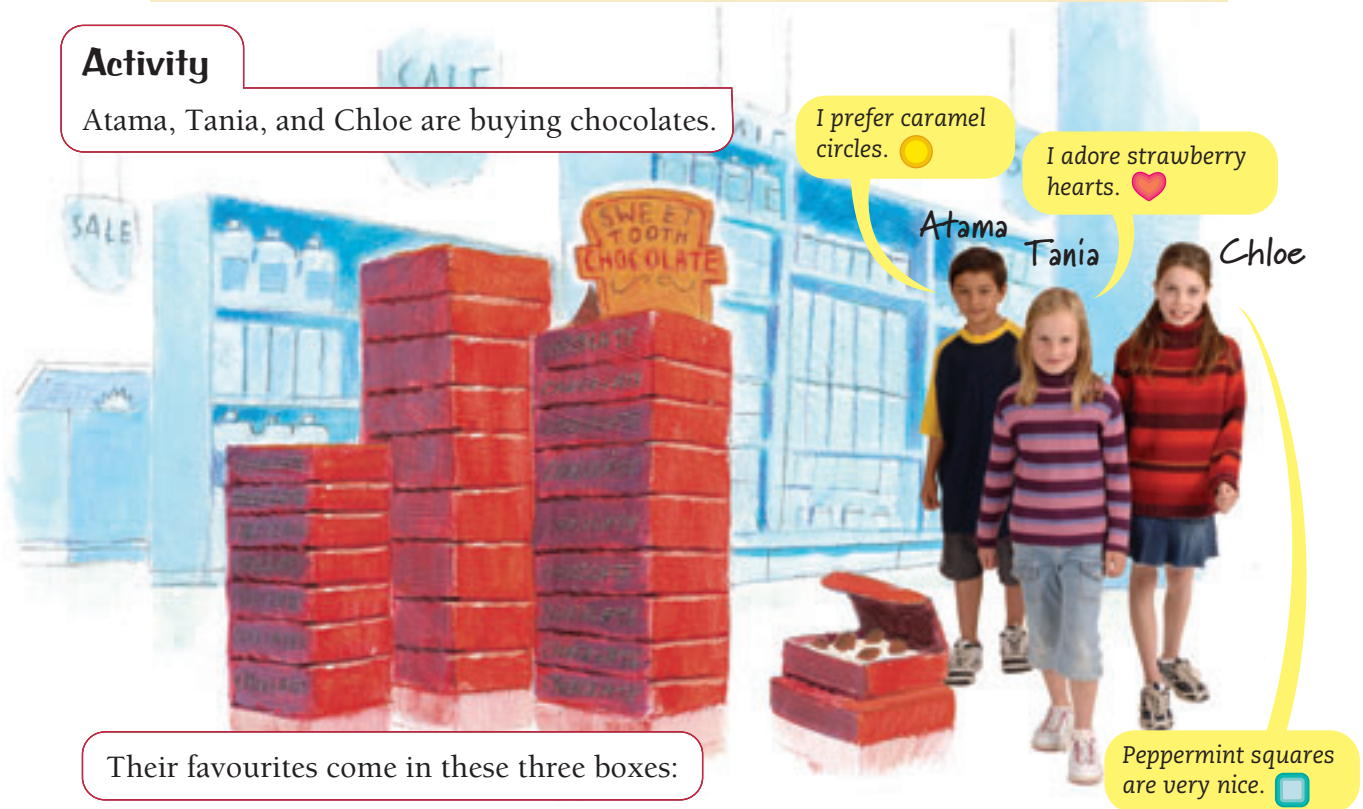


Chocolate Choices

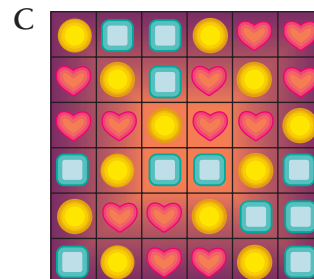
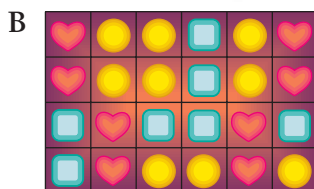
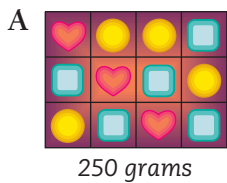
You need counters or cubes

Activity

Atama, Tania, and Chloe are buying chocolates.



Their favourites come in these three boxes:



1. a. What should boxes B and C weigh?
b. The biggest box costs \$12.90. What should the other boxes cost if they are priced on the number of chocolates they contain?
2. The friends have enough money to buy a total of 1 kilogram of chocolates.
 - a. What combination of boxes would give Tania more of her favourites?
 - b. For this combination, what would be the proportion of favourites to non-favourites? (Write this as a ratio.)
3. Repeat 2a.–b. for Atama and Chloe.
4. The friends decide to look for a combination that will give them equal numbers of each kind of chocolate. What combination should they choose?