

# Numeracy in Hospitality Set Menus

## | Event Catering



A catering company is preparing a barbecue lunch for a kindergarten's Family Day. The company needs to order meat and vegetarian meat alternatives for the barbecue so that each child is served one sausage and one burger and each adult is served two sausages and two burgers.

In total, sixty families are attending the barbecue. 20% of the families have three children, 50% have two children and 30% have one child. Five families have four adults attending, ten families have three adults attending, thirty-one have two adults attending and fourteen families have one adult attending. Overall, ten children and eighteen adults are vegetarian.

1. a) How many children will attend the barbecue? Show your working.

b) How many adults will attend the barbecue? Show your working.

2. a) How many vegetarian sausages and burgers will be served on the day? Show your working.

b) How many non-vegetarian sausages and burgers will be served on the day? Show your working.

3. The company usually orders 10% than the required amount to allow for wastage (and extras for those who are hungry).

a) How many vegetarian sausages and burgers will be ordered? Show your working and remember that the quantity ordered must be a whole number.

b) How many non-vegetarian sausages and burgers will be ordered? Show your working.