



126 adults and 114 children are attending the barbecue. The caterer is working out how much bread to order based on the estimation that each adult guest will eat two slices of bread and each child will eat half as much as an adult.

1.   a) How many slices of bread will be eaten by the adult guests? Show your working.

b) How many slices of bread will be eaten by the children? Show your working.

c) The caterer will provide 10% more than the estimate to allow for wastage (and extras for those who are hungry). How many slices of bread are required for the barbecue? Show your working and remember that the number of slices needs to be a whole number.

d) One loaf of bread cuts into twenty slices. How many loaves does the caterer need to order? Show your working and remember that the number of loaves ordered needs to be a whole number.

2. Later, the caterer realised that each loaf of bread has two crust slices, which cannot be served to guests.

a) How many usable slices of bread are in one loaf of bread? Show your working.

b) How many loaves does the caterer need to order? Show your working and remember that the number of loaves ordered needs to be a whole number.