

1 A pizza restaurant has choices of bases and toppings

Base	Topping	
thin deep pan	mushroom chicken salami peppers sweetcorn	Complete this multiplication to work out how many different combinations of pizza there are.

There are _____ possible combinations.

2 Jack buys a ticket at the fair that allows him to choose 1 ride and 1 game.



Is Jack correct? Show how you know.

| X | | = | |

3 There are 362 children at a year 7 event. The teacher wants them to work in small groups.

a) If they are sorted into groups of 5 will any children be left out?

b) If they are sorted into groups of 6 will any children be left out?

c) What could you do if children were left out?

d) A bottle of squash makes 20 cups of drink. The school buys 18 bottles. Will there be enough for every child to have a drink?