## Mrs W's Maths 17

Multiplying and dividing - problem solving part 2
1 A pizza restaurant has choices of bases and toppings


| Base | Topping |
| :--- | :--- |
| thin | mushroom <br> deep pan <br> salami <br> seppers <br> sweetcorn |

Complete this multiplication to work out how many different combinations of pizza there are.
$\square$ $x$ $\square$ $=$ $\square$ There are $\qquad$ 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.

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?

