









6A5 - Enumerate possibilities of combinations of two variables

A box of oranges weighs 4kg and a box of apples weighs 3kg.
 Poppy uses a trolley to move boxes of apples and oranges totalling 10kg in weight.
 How many boxes of apples does she move?

13 members of a junior dance club are asked to get into groups of 4 or 5 children.
 How many of the groups contain 4 children?

Combinations of 2p and 5p Coins						
1	×		and	<input type="text"/>	×	
<input type="text"/>	×		and	<input type="text"/>	×	

Combinations of 3kg and 4kg boxes						
1	×		and	<input type="text"/>	×	
<input type="text"/>	×		and	<input type="text"/>	×	

Jayden pays for a new pencil costing 17p using only 2p and 5p coins.
 The picture shows all the possible ways he can pay.
 What number goes in the shaded box?

19kg of fruit is made up of 3kg boxes of apples and 4kg boxes of oranges.
 The picture shows all the possible ways this can happen.
 What number goes in the shaded box?

For training 27 football players get into groups of 3 or 4.
 They form 8 groups.
 How many groups contain exactly 3 players?

Ted has 28 litres of water in a mix of 4 litre and 6 litre bottles.
 He has 6 bottles altogether.
 How many 4 litre bottles has he got?