








Correspondence Problems

**Task 1: Farrah is choosing a flower and a vase to decorate her room. Can you find all the possible combinations she could pick? Could you use a code to help?**

Vase	Flower
 Big	 Rose
 Medium	 Daffodil
 Small	 Lily
	 Tulip

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Complete the multiplication calculation to represent the combinations.

$$\square \times \square = \square$$

There are  $\square$  different combinations.

**Task 2: Tom chooses a number shape from each group. How many combinations could he choose? Remember to write the calculation to match.**

Odd	Even
  	  

**Task 3: How many combinations can the children choose if they pick one morning, afternoon and evening activity? Write down the possible combinations and then complete the calculation.**

At holiday club, there are 2 different morning activities, 3 different afternoon activities and 3 different evening activities.

The children each choose one morning, one afternoon and one evening activity.



Morning	Afternoon	Evening
Painting	Football	Reading
Gardening	Swimming	Movie
	Bowling	Board games



- a) Write a multiplication calculation to represent the combinations.

$$\square \times \square \times \square = \square$$

**Task 4: Can you try a challenge and solve the problem? Remember to explain.**

Ben has 3 hats, 2 jumpers and 2 pairs of trousers.

Eli has 6 jumpers and 3 pairs of trousers.



I have the most different possible outfits.

Ben

Is Ben wrong or right?

Use multiplication calculations to prove it.

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