

- 1) 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.

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

- b) If there were 12 different combinations of activities, how many morning, afternoon and evening activities could there be?

- 2) Emily and Stefan want to find how many different combinations of morning, afternoon and evening activities they could choose.

- a) Can you explain the mistakes that they have made?



There are 8 different activity options so there are 8 different possible combinations.

Emily

You can calculate $2 + 3 + 3$ to find the answer.

Stefan



- b) What method would help Emily to understand how she can find all the different possible combinations?
