Orange

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.

☐ × ☐ × ☐ = ☐

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

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

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

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

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

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