

How many ways?

Try to find the solution by using your multiplication skills first before checking the combinations using drawings.

1. Lana, Chloe and Clark go to a restaurant and are discussing the menu. On the menu there are 6 starters, 5 mains and 2 desserts.

Lana



I think the total number of different combinations that could be ordered are 32.

Chloe



I think the total number of different combinations that could be ordered are 60.

Clark



I think the total number of different combinations that could be ordered are 90.

Explore the different combinations to find out who is correct.

2. Erin needs to unlock the treasure chest using the symbols below. To unlock the chest, only three symbols are needed and each symbol can only be used once.

