

Year 6 Silver Badge - Complete both tasks and hand this back to your class teacher.

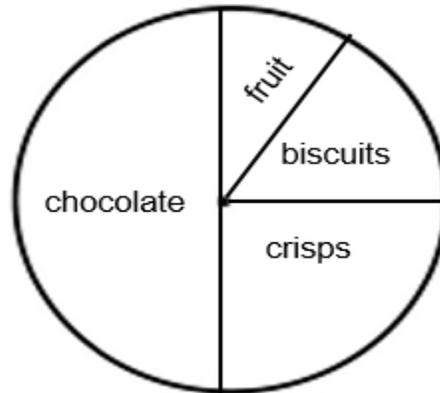
Task 1

**Interpret and construct pie charts
and use these to solve problems**

Charlie did a survey of pupils' favourite snacks.

The pie chart shows her results.

- a. What fraction of the pupils chose crisps?
- b. 24 pupils chose chocolate.
 - How many pupils chose crisps?
 - How many pupils were surveyed altogether?



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Task 2

Generate and describe linear number sequences PTRC

1. After football club, children can choose two biscuits from chocolate digestive, bourbon and custard cream. How many different combinations are there?
2. This week, the children can also choose a Garibaldi biscuit. How many different combinations are there now?
3. How many combinations will there be if there are:
 - 5 choices of biscuit
 - 6 choices of biscuit?
4. What is special about the numbers in your answers?