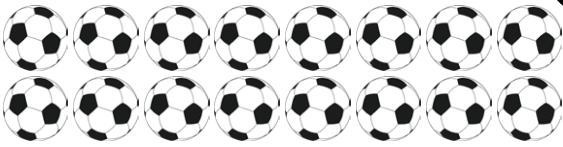


- 1) Find and circle $\frac{1}{4}$ of the footballs.



- 2) A bar model can be used to find $\frac{1}{4}$ of 8.



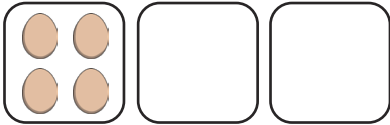
Use this method to calculate:

- a) $\frac{1}{4}$ of 12 =
b) $\frac{1}{4}$ of 16 =
c) $\frac{1}{3}$ of 15 =
- 3) This is $\frac{1}{4}$ of a punnet of strawberries.



How many strawberries are in a whole punnet?

- 4) This is $\frac{1}{3}$ of a large box of eggs.



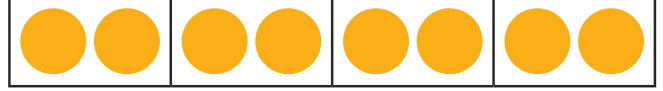
How many eggs are in a whole box?

- 5) Use a bar model and place value counters to find $\frac{1}{3}$ of 69.

- 1) Find and circle $\frac{1}{4}$ of the footballs.



- 2) A bar model can be used to find $\frac{1}{4}$ of 8.



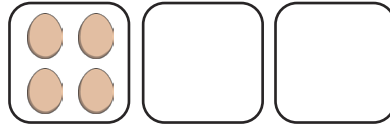
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- 1) Andrew is tidying his toys away. $\frac{1}{5}$ of his toys are still on the floor.



How many toys does Andrew have altogether?
Explain your answer.

- 2) Do you agree with Yanick?
Prove your answer.

I have found $\frac{1}{4}$ of 44 using place value counters. 11 is the answer.



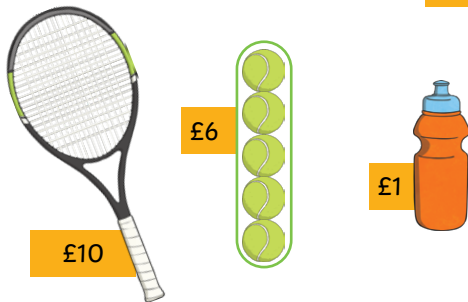
Yanick

- 3) Jamil has £33.

I spent $\frac{1}{3}$ of my money in a toy shop.



Jamil



Jamil then spent $\frac{1}{2}$ of his change in a sports shop.
What items did he buy? Use reasoning to explain your answer.

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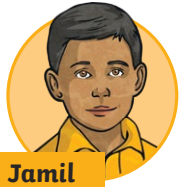
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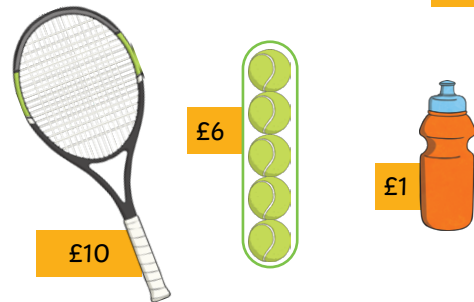
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- 1) Two children discuss who would get the most of 48 sweets available.
Who is right? Use bar models to explain your answer.



Becky

If I had $\frac{1}{6}$ of the sweets, I'd have the most.



Ansley

If I had $\frac{1}{8}$ of the sweets, I'd have the most.

- 2) Two shops sell the same jumper costing £42.

In Shop A, the jumper is reduced by $\frac{1}{3}$.

In Shop B, the jumper is reduced by $\frac{1}{6}$.

Which shop sells the jumper at the cheaper price?
Explain your answer.

- 3) The school council have 70 packs of raisins to sell at break time to raise money for a school trip.
To raise the most money, should they aim to sell $\frac{1}{5}$ or $\frac{1}{7}$ of the packs of raisins?
Explain your reasoning.

- 4) How many ways can you find a unit fraction of 48?
One has been done for you.

$\frac{1}{2}$ of 48 is 24. ←

48

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