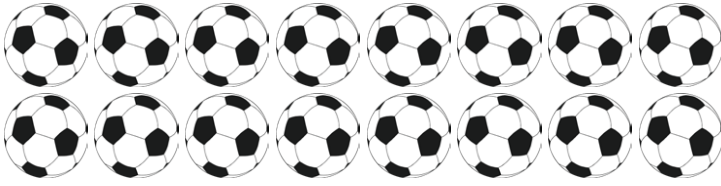


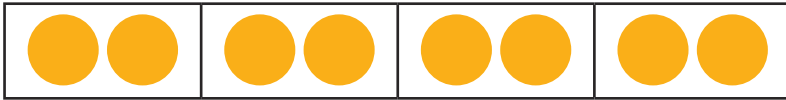


1) Find and circle  $\frac{1}{4}$  of the footballs.



$\frac{1}{4}$  of the footballs =

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



a)  $\frac{1}{4}$  of 12 =

b)  $\frac{1}{4}$  of 16 =

c)  $\frac{1}{3}$  of 15 =

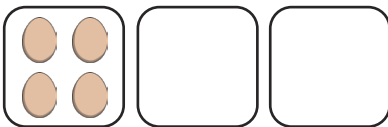
3) This is  $\frac{1}{4}$  of a punnet of strawberries.



How many strawberries are in a whole punnet?

A whole punnet of strawberries =

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



How many eggs are in a whole box?

A whole box of eggs =

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



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.


Total cars =

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.

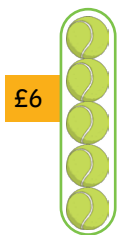


Yanick

3) Jamil has £33.



£10



£6



£1

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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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.

$\frac{1}{6}$  of 48 =

$\frac{1}{8}$  of 48 =

[Empty box for drawing a bar model for Becky's calculation]

[Empty box for drawing a bar model for Ansley's calculation]

2) Two shops sell the same jumper costing £42. Which shop sells the jumper at the cheaper price? Explain your answer.

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

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

[A large empty grid for drawing bar models to compare the discounts in Shop A and Shop B.]

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.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

[A large empty grid for drawing bar models to compare selling 1/5 or 1/7 of the packs.]

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

