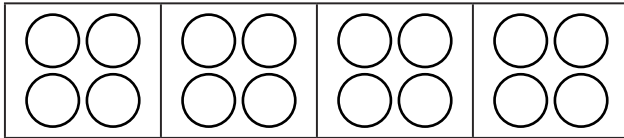**1)**

$\frac{1}{4}$ of the footballs is 4.
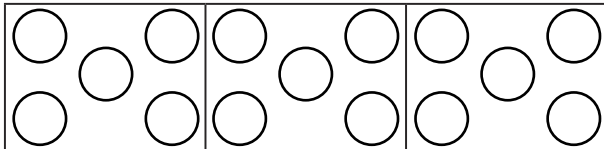
2) a) $\frac{1}{4}$ of 12 = 3
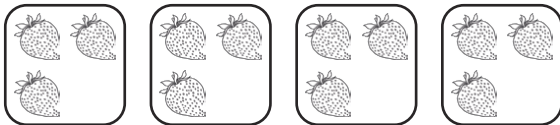
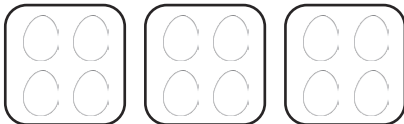**b)** $\frac{1}{4}$ of 16 = 4

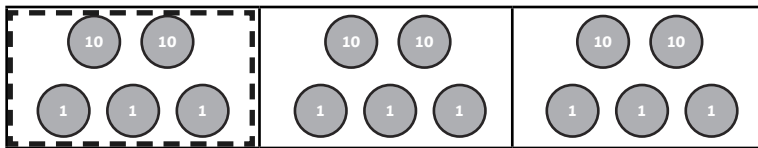**c)** $\frac{1}{3}$ of 15 = 5

3) There are 12 strawberries in a whole punnet.

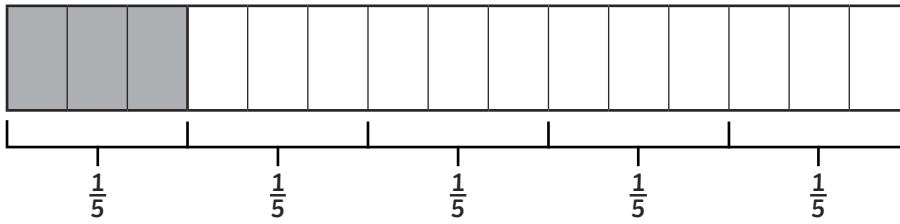**4) There are 12 eggs in a whole box.**
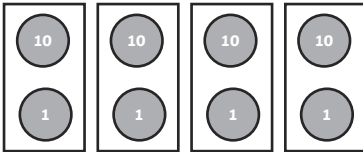
5) $\frac{1}{3}$ of 69 is 23.

1) **Andrew has 15 toys altogether. If 3 cars represent $\frac{1}{5}$, then $\frac{5}{5}$ is 15.**

   Children may choose to show their answer visually:

   $\frac{1}{5}$ $\frac{1}{5}$ $\frac{1}{5}$ $\frac{1}{5}$ $\frac{1}{5}$

2) $\frac{1}{4}$ **of 44 is 11 because 44 ÷ 4 = 11. Therefore, Yanick is correct.**

   Children can prove their answer using a diagram:

3) $\frac{1}{3}$ **of £33 is £11. Jamil has £22 left to spend in the sports shop.**

   $\frac{1}{2}$ **of £22 is £11.**

   Jamil bought either:

   - **one tennis racket and a water bottle (£10 + £1 = £11)**
   - **11 water bottles (11 x £1 = £11)**
   - **1 set of tennis balls and 5 water bottles (£6 + £1 + £1 + £1 + £1 + £1 = £11)**

1) $\frac{1}{6}$ of 48 is 8. Becky would get 8 sweets in total.

8	8	8	8	8	8

$\frac{1}{8}$ of 48 is 6. Ansley would get 6 sweets in total.

6	6	6	6	6	6	6	6

Therefore, Becky would get the most sweets.

2) **In Shop A, $\frac{1}{3}$ of £42 is £14. £42 - £14 = £28**

In Shop B, $\frac{1}{6}$ of £42 is £7. £42 – 7 = £35.

Shop A sells the jumper at the cheapest price.

It is £7 cheaper than Shop B.

3) $\frac{1}{5}$ of 70 = 14

$\frac{1}{7}$ of 70 = 10

The school council should aim to sell $\frac{1}{5}$ of the packs of raisins, as they would sell 14 packs in total. This is four more packs than they would sell if they sold $\frac{1}{7}$ of the packs.

4) **There are nine possible answers:**

$\frac{1}{24}$ of 48 is 2.

$\frac{1}{16}$ of 48 is 3.

$\frac{1}{2}$ of 48 is 24.

$\frac{1}{4}$ of 48 is 12.

48

$\frac{1}{3}$ of 48 is 16.

$\frac{1}{8}$ of 48 is 6.

$\frac{1}{12}$ of 48 is 4.

$\frac{1}{6}$ of 48 is 8.

$\frac{1}{48}$ of 48 is 1.