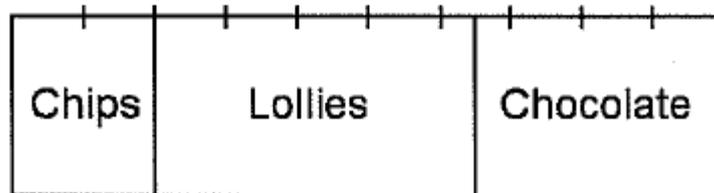


A confectionary store sells 3 types of food: packets of chips, chocolate bars and bags of sweets. The ratio of sales is shown on this bar chart.

- If 48 packets of chips were sold one Saturday night, how many chocolate bars were sold, and how many items were sold altogether?



Answer:

Chips

2 sections = 48 packets

1 section = 24 items

Chocolate

$3 \frac{1}{2} \times 24 = \underline{84}$

Overall $10 \times 24 = \underline{240 \text{ items}}$

Scott has six boxes of books. There are three more than a dozen in the 1st box, 3 less than a dozen in the 2nd box, a 'quarter of a century' of books in the 3rd. The 4th box has 5 less than the 3rd box. The 5th & 6th boxes together hold the same number of books as the 1st box.

- How many books are there in total? Also, if Scott wanted to share the books evenly across the boxes, how many books would he put in each box?



Answer:

$$15 + 9 + 25 + 20 + 15 = \underline{\mathbf{84 \text{ books}}}$$

$$84 \div 6 = \underline{\mathbf{14 \text{ per box}}}$$

Mrs. Murray loves buying Easter eggs, while the rest of her family doesn't, so she buys them for the whole family! Every year Mrs. Murray needs to calculate how many eggs to buy so that each member of the family can give one egg to every other member. Mrs. Murray has six relatives!

- How many eggs does Mrs. Murray need to buy?



Answer:

7 people (including herself) x 6 eggs (1 to each) = **42 Easter eggs**