1   Mog buys these numbers of lucky dip gifts.

(a) 1065   **(b) 3169**   **(c) 2573**   **(d) 2186**

9p   6p   8p   4p
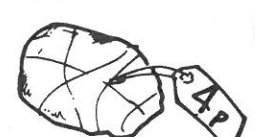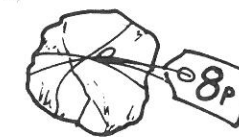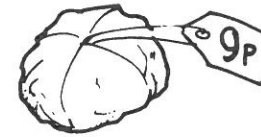
Find the amount, in **pounds and pence**, spent on each type of gift.

2   Mog hires fancy dress outfits for the children invited to the party.
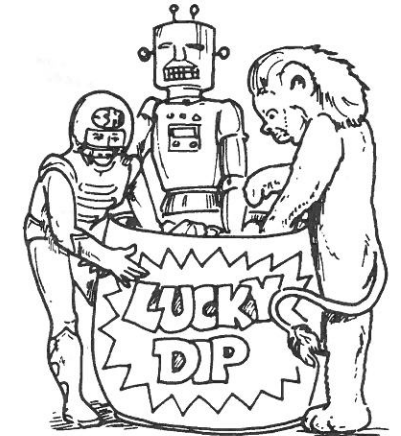Find how much she pays to hire these costumes.
(a) 20 robots at £3·65
(b) 35 lions at £5·07
(c) 23 Klingons at £4·30
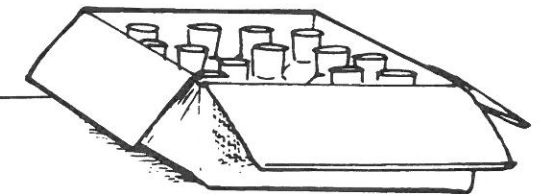**(d)** 42 Peter Pans at £6·55

3   TOTAL COST £28·31   There are five of the fancy
dress outfits in the box, two
of one kind and three of another.

Which costumes are in the box?

LUCKY DP

Problem solving

1   Mog is sorting items at Medic-Aid.
How many sets are there and how many items are left over?
(a) 13 eyepatches in sets of 2   **(b)** 29 tubes in sets of 3
(c) 25 bottles in sets of 4   **(d)** 34 bandages in sets of 5

2   **(a)** $26 \div 3$ **(b)** $19 \div 2$ **(c)** $31 \div 4$ **(d)** $18 \div 5$
   (e) $4\overline{)22}$ **(f)** $3\overline{)19}$ **(g)** $\frac{1}{2}$ of 16   **(h)** $\frac{1}{5}$ of 40

3   Which of these numbers are factors of 15?

15   2   5   7   3   4   1   10

4   List all the factors of   **(a)** 14   **(b)** 20