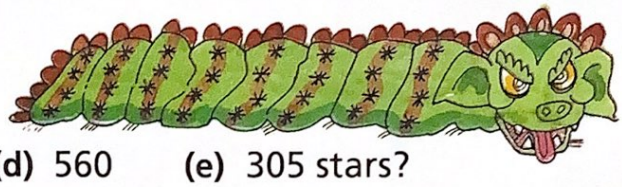
285 beads are shared equally among 5 costumes.

$$5\overline{)285} = 57$$

There are **57 beads** for each costume.

1 Share equally among 5 costumes:
(a) 180 **(b)** 535 **(c)** 400 **(d)** 355 **(e)** 309 beads.

2 Stars are sewn in rows of 4.
How many rows can be made with
(a) 436 **(b)** 175 **(c)** 272 **(d)** 560 **(e)** 305 stars?

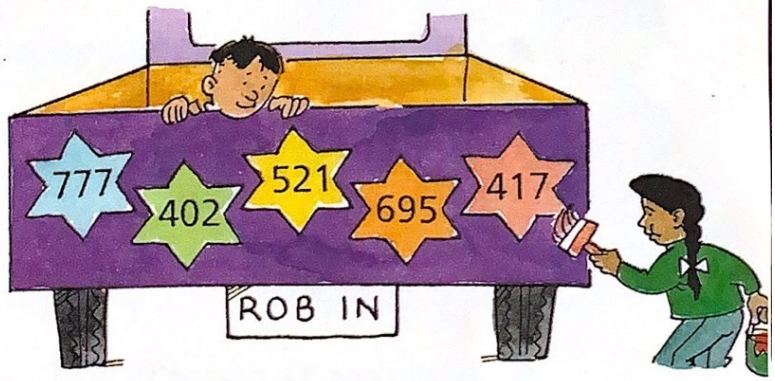


3 Each hat has 3 feathers. How many hats can be made with
(a) 114 **(b)** 207 **(c)** 173 **(d)** 471 **(e)** 160 feathers?

4 Programmes are shared into 2 equal piles.
How many are in each pile when there are
(a) 250 **(b)** 170 **(c)** 307 **(d)** 353 **(e)** 584 programmes?

5 **(a)** $\frac{1}{3}$ of 927 **(b)** $\frac{1}{4}$ of 824 **(c)** $787 \div 2$ **(d)** $983 \div 5$
(e) $4\overline{)709}$ **(f)** $2\overline{)943}$ **(g)** $5\overline{)649}$ **(h)** $3\overline{)512}$

6 Which of these numbers
(a) divide exactly by 3
(b) have a remainder of 1 when divided by 4?



Problem solving

7 Use the digits **1** **2** **5** **6** to make 3-digit numbers which

(a) divide exactly by 5

(b) have remainder 2 when divided by 5

(c) do not divide exactly by 2, 3, 4 or 5

Check that your numbers are correct.