| Which number is three more <br> than 2? | Convert $2 \frac{2}{3}$ into an improper <br> fraction. | What is $0.3 \times 0.2 ?$ | Work out $23 \times 57$ |
| :--- | :--- | :--- | :--- |
| Work out half of 46 | Work out $12+35+29$ | What is $-6+5 ?$ | What is $£ 12.89-£ 4.62 ?$ |
| $25 \%$ of 240 | What is $678-149 ?$ | What is 15 multiplied by $6 ?$ | $\frac{2}{5}+\frac{1}{5}$ |
| $3.6+2.98-1.81$ |  | $13087 \div 23$ |  |

Reasoning and Problem solving. Use extra paper if you cannot fit your answer on the sheet.

## Des has two bags of sweets.

Each bag contains only lime and strawberry sweets.
There are 20 sweets in each bag.

- In the first bag there is I lime sweet for every 3 strawberry.
- In the second bag there are 2 lime sweets for every 3 strawberry.

How many more lime sweets are there in the second bag?

## Here is a square.

Inside the square is an equilateral triangle.
The perimeter of the triangle is 54 cm .
Find the perimeter of the square.


Mrs Jones has $£ 20$ to spend on presents. She buys 4 mugs and 3 teddy bears.

What is the greatest number of keyrings she can buy?


ANSWER - remember to show your reasoning

ANSWER - remember to show your reasoning

ANSWER - remember to show your reasoning

Work out the missing values
ANSWER - remember to show your reasoning
$\frac{2}{5}$ of $30=3 \times \square$
$\frac{7}{10}$ of $30=\frac{3}{4}$ of $\square$

