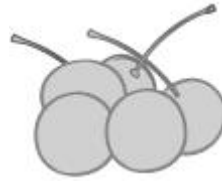


Q3.

Seb had some cherries.

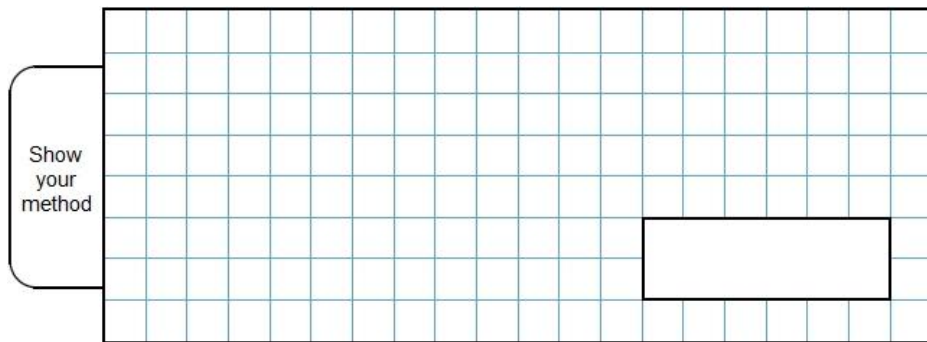
Every day he ate 10 cherries and gave 5 away.

After he gave the last 5 cherries away, he had eaten 40 cherries altogether.



How many cherries did Seb have at the start?

Show your method



2 marks

Q4.

Amina planted some seeds.

For every 3 seeds Amina planted, only 2 seeds grew.

Altogether, 12 seeds grew.

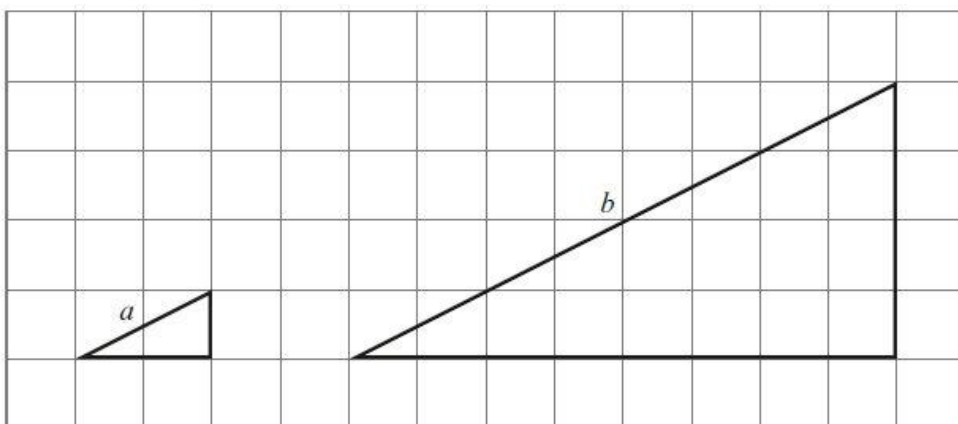
How many seeds did Amina **plant**?



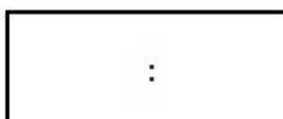
1 mark

Q5.

Here are two similar right-angled triangles.



Write the ratio of side a to side b .

$a : b =$ 

1 mark

Mark schemes

Q1.

108

[1]

Q2.

Award **TWO** marks for the correct answer of 90g.

If the answer is incorrect, award **ONE** mark for evidence of an appropriate method, e.g:

• $300 \div 400 = \frac{3}{4}$

$$\frac{3}{4} \times 120$$

*Answer need not be obtained for the award of **ONE** mark.*

Up to 2

[2]

Q3.

Award **TWO** marks for the correct answer of 60

If the answer is incorrect, award **ONE** mark for evidence of appropriate working, eg:

- Ate 10, gave away 5

Ate 40, gave away 20

Ate 40 + 20 = wrong answer

- $40 \div 10 = 4$

$4 \times 5 = 20$

$20 + 40 =$ wrong answer

*Working must be carried through to reach an answer for the award of **ONE** mark.*

Up to 2
U1

[2]

Q4.

18

*Accept 18:12 **OR** 12:18*

[1]

Q5.

1:4

Accept other equivalent ratios, e.g. 2:8 or 0.5:2

Do not accept reversed ratios, e.g. 4:1 or 8:2

[1]