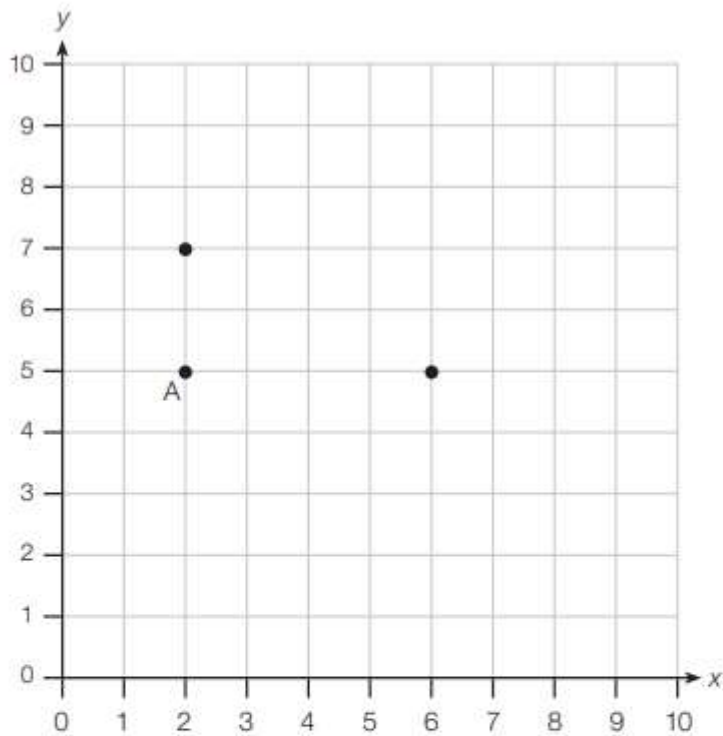# Reasoning questions

1.

Zoe plots a point to complete the rectangle.

What is the co-ordinate of the final point?

1 mark

2. Complete the sequences.
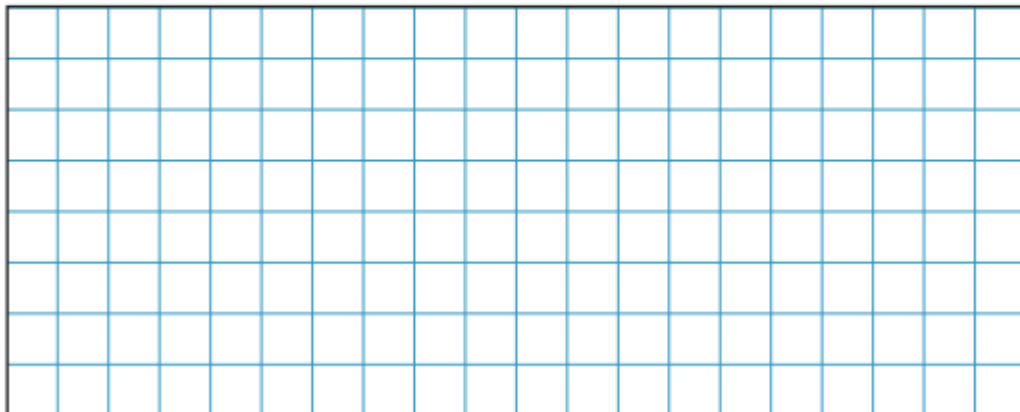
2,000	3,000		5,000

	5,400	4,400	3,400

1 mark

3.

$$1{,}247 + 2{,}791 = 4{,}038$$

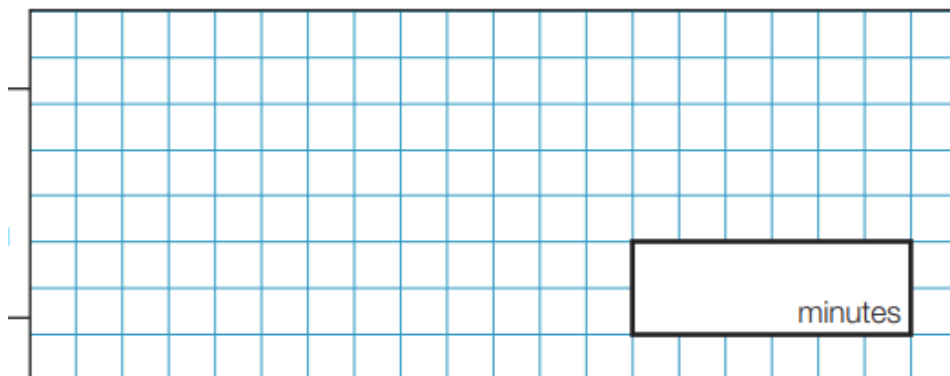Perform a subtraction to check the answer to the calculation.

1 mark

Tom plays the flute.

He practises for 34 minutes every day.

How many minutes does he practise in one week?

4.

minutes

1 mark

A bookshop sells books at two prices.

5. Hardback books cost £12.50
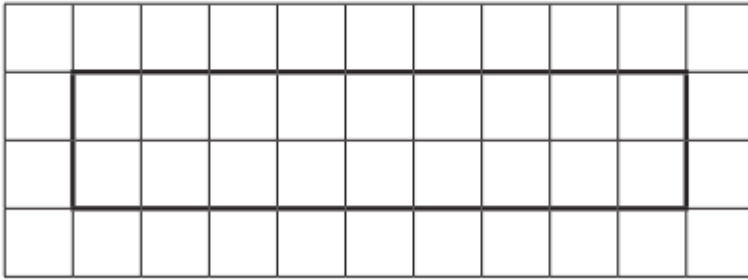
Paperback books cost £5.25

What is the cost of each book to the nearest pound?

Hardback books

Paperback books

2 marks

6.

Here is a rectangle drawn on a centimetre square grid.

Shade in $\frac{2}{3}$ of the rectangle.

What area have you shaded?

cm²

Challenge!

7.

On Sunday, Jennifer cycles 15 more miles than she did on Saturday.

In total over the two days she cycles 79 miles.

How many miles does she cycle on Saturday?

miles