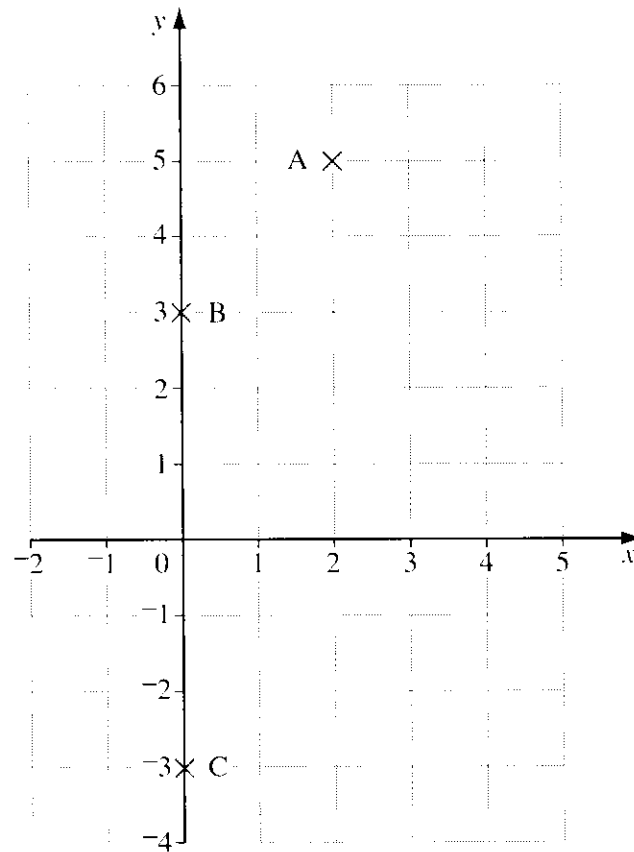


1



(a) Write down the coordinates of

(i) C,

(a)(i) (.....,) [1]

(ii) the midpoint of AB.

(ii) (.....,) [1]

(b) ABCD is a parallelogram.

Mark the point D on the grid and write down its coordinates.

(b) (.....,) [2]

(c) What is the order of rotational symmetry of the parallelogram?

(c) [1]

(d) Work out the area of the parallelogram.

(d)cm² [1]

6

[Turn over



- 2 Calculate the cost of 24 rail tickets at £128 each.

You must show your working.

£.....[3]

3

- 3 Choose one number from this list to complete each sentence.

3	4	5	7	16	18	21	32	49
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(a) is a factor of 8. [1]

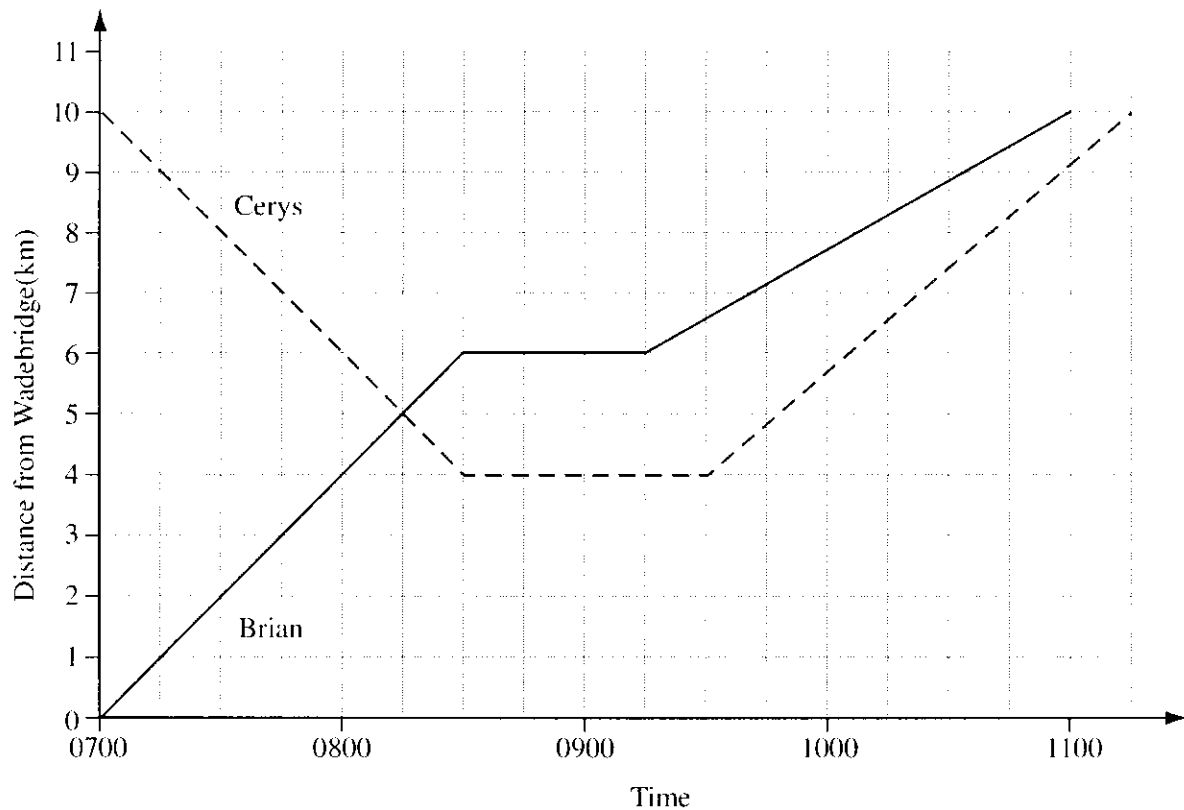
(b) is a multiple of 6. [1]

(c) is a common factor of 14 and 35. [1]

3



- 4 Brian and Cerys walk on the same footpath. Brian walks from Wadebridge to Padstow. Cerys starts and finishes at Padstow. The graph shows their journeys.



- (a) How far is Padstow from Wadebridge?

(a)km [1]

- (b) At what time did Brian pass Cerys?

(b)[1]

- (c) What did Cerys do at 0830?

.....[1]

- (d) (i) When was Brian walking fastest?

(d)(i) Between and [1]

- (ii) Explain how you know.

.....[1]



- 5 (a) Write these numbers in order, starting with the smallest.

0.54	0.035	0.5	0.462	0.5089
------	-------	-----	-------	--------

..... [2]
smallest *largest*

- (b) Write 0.03 as a fraction.

(b) [1]

- (c) Write 0.52 as a percentage.

(c)% [1]

- (d) Write $\frac{3}{5}$ as a decimal.

(d) [1]

- (e) Which of these two is the larger?

$\frac{7}{10}$ or 63%

Show how you decided.

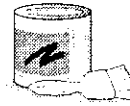
..... is the larger because

..... [1]



- 6 Zoe is making pink paint.

Pink Paint



to make 30ml:
mix 10 ml of red paint
with 20 ml of white paint

- (a) How much white paint does she need to mix
with 50 ml of red paint?

(a)ml [1]

- (b) How much white paint does she need to
make 300 ml of pink paint?

(b)ml [1]

2

