



Lucas received a pay rise of 14%.  
He now receives £319.20 a week.

What was his weekly salary?

£280

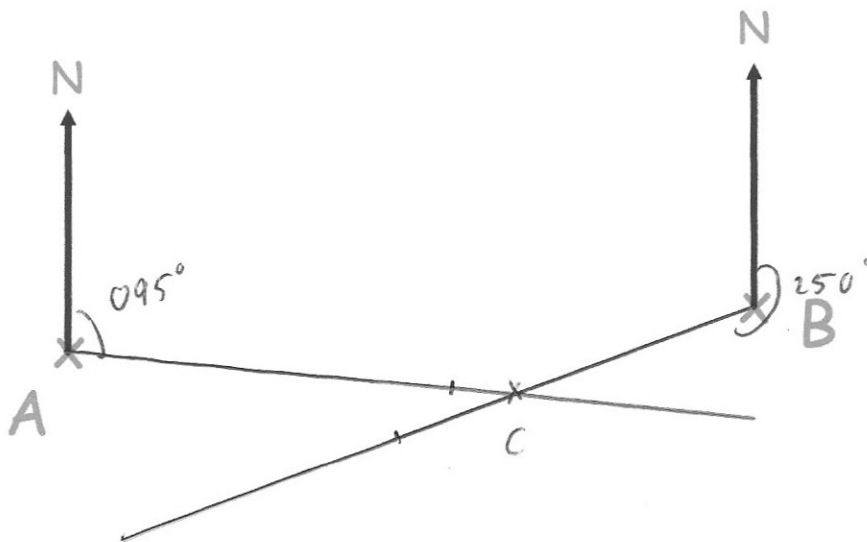
$$114\% \text{ of } x = 319.20$$

$$1\% \text{ of } x = 2.8$$

$$100\% \text{ of } x = £280$$

Write down the exact value of  $\tan 0^\circ$

0



The bearing of person C from person A is  $095^\circ$

The bearing of person C from person B is  $250^\circ$

In the space above, mark the position of person C with a cross (x). Label it C.

The  $n$ th term of a sequence is  $5n^2 - 10$

-5 10 35 70 115 170 ...

The  $n$ th term of another sequence is

$20 - 3n$  17 14 11 8 5

2 -1 -4 -7 ...

How many numbers can be found in both sequences?

0