

# M7 = 2 days to go!

2 Given  $2^5 = 1 + 2^2 + 3^n$

Find the value of  $n$ .

Answer  $n =$  \_\_\_\_\_ [4]

5 Matthew changes £500 into euro.

The exchange rate is £1 = 1.23 euro.

Matthew spends 480 euro on his holiday. He changes the remainder of his euro into pounds (£) when he gets home.

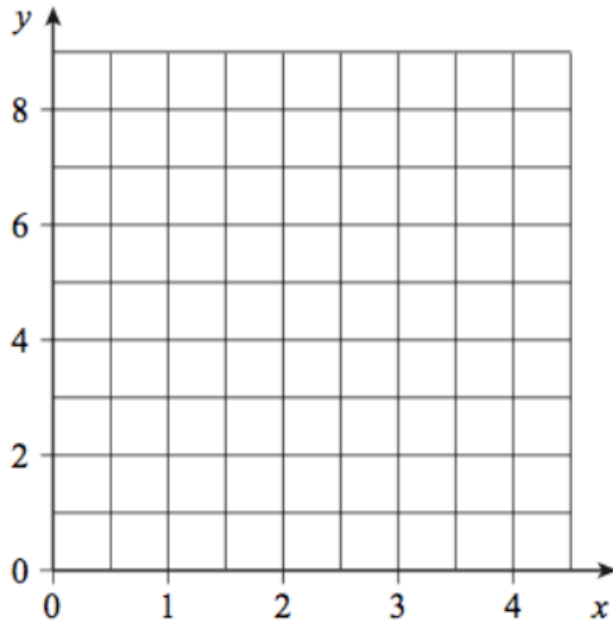
The exchange rate is now £1 = 1.18 euro.

How much, in pounds, does he get?

Answer \_\_\_\_\_ [4]

On the grid, clearly indicate the region that satisfies all these inequalities.

$y < x$        $y \geq 1$        $x + y \leq 4$



(3)

8. (a) Write five million in standard form.



.....  
(1)

(b) Write three hundred thousand in standard form.

.....  
(1)