M7 -2 days to go!

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

Find the value of n.

Answer
$$n = 3$$
 [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?

spends€480 so has€ 135 remaining,

So
$$£ € 1:1.18$$

$$\times 1.18$$

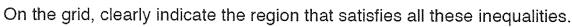
$$\times 1.18 \times 1.35$$

$$\times 1.18 \times 1.35$$

$$\times 1.14.41$$

$$1.14.41$$

$$1.14.41$$

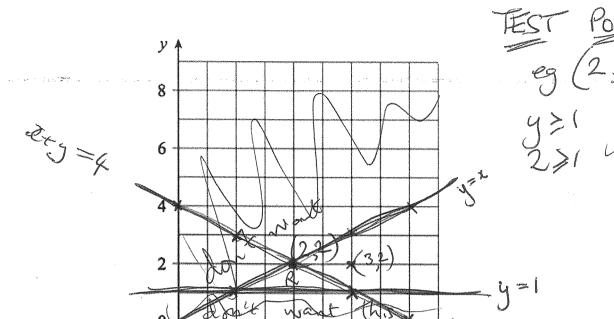


V < X V ≥ 1

$$x + y \le 4$$

Draw each line

Then could use a



Test point (3,2) x=3 y=2 $y \leq x$ $2 \leq 3 \text{ Yes}$

(3)xty=+ Test point (1,1) 2+4 54 1+1 54 2 54 Yes

(a) Write five million in standard form.



5.0×10°

(b) Write three hundred thousand in standard form.

