STOP STRESSING

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STOP STRESSING – TAKE IT CALM

- Stressing out won't help
- Use problem solving routes and processes
- Puzzles should be fun, don't stress
- Stop the confusion
- Don't worry
- Think it through
- Smaller chunks
- One step at a time
- Keep in mind, there is a solution!

STEP BY STEP

Splitting into manageable chunks

Start with extracting what you can

Don't worry about the final moment

Concentrate upon each small task

Bill and Bob wish to purchase a new machine for their growing business. They have an older machine stationed in Ireland worth Euro 133,500 in working assets and their parent company has provided some cash funding from the USA for the amount of $210,800 which is sent to them in Scotland at current exchange rates.

They decide to apply for a bank loan. The bank uses the following formula to calculate the maximum loan amount available.

$$Maximum\ Loan = 3\tfrac{3}{4}\, c + 1\tfrac{1}{2}\, a$$

Where $c = cash$

$a = assets\ (working\ assets,\ fixed\ assets)$

Bill has other assets in furniture worth £132,319 and Bob has cash in account of £15,882

The selling fees for assets amounts to £44,295

Current exchange rates as per your bank is £1:Euro 1.14 and £1:$1.42

How much money could Bill and Bob have available to buy a new machine to the nearest whole pound?

© EXTENDED CLASSROOM

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They decide to apply for a bank loan. The bank uses the following formula to calculate the maximum loan amount available.

Maximum Loan = 3¾ c + 1½ a
Where *c = cash*
a = assets (working assets, fixed assets)

Bill has other assets in furniture worth £132,319 and Bob has cash in account of £15,882

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STEP BY STEP

- Plan your steps, one by one, a piece at a time, nothing all at once
- Remember: it is the process, the calculations that matter, not the answer at this stage
- STEP 1: Split it down, gather information in a list
- Step 2: Euro Currency into £ for the first part, section by section
- Step 3: USDollars into £ for other parts, section by section
- Step 4: Understand The formula, look to see what is required, list it down
- Step 5: Cash and Assets to fit into the formula, obtain calculated information
- Step 6: Formula again, placing calculated information into the formula
- Step 7: Answer, only now do we let the flow provide the answer
- Step 8: Check calculations and each step

SPLIT DOWN – STEP BY STEP

- Don't give up before you have started
- Don't be blinded
- Use a rational method
- Understand the question from the information
- Patience
- Use a divider between steps, separate the steps
- Name the steps, give them purpose
- Work it through
- Mathematics is all about processes and steps

SUMMARY

- Split into smaller chunks
- Take the information from the text
- Note all the information first
- Understand each step – step by step
- Name/label each step
- Use knowledge from each topic required
- Gradually build to the answer
- Remember processes
- It is problem solving