MINCE UP WORD PROBLEMS!

1 MAP

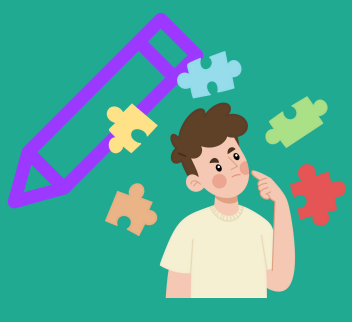
Read the problem carefully.

- Are there any unknown words?
  Look them up.
- What's the real world topic or situation?
- What's the math concept?

2 IDENTIFY

Re-read and mark the problem.

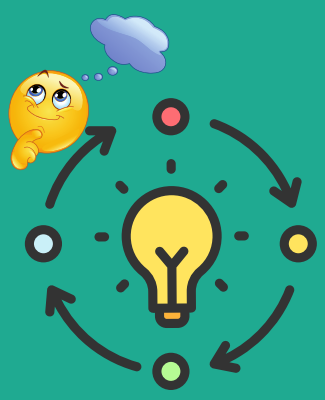
- What's the goal?
- What facts & details are given?
- What are the relationships?
- What's missing?
- Draw a diagram.



3 NOTE

Make a plan.

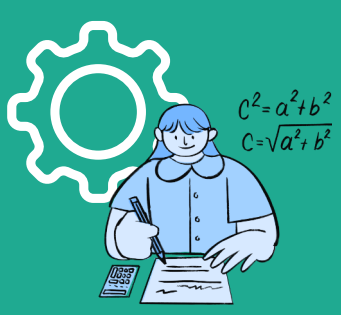
- What steps or process will you use?
- What units will be in the answer?
- Estimate what the answer will be.
  HINT: Insert easier numbers if necessary.



4 COMPUTE

Follow your plan.

- Work out the problem carefully.
- Do your work on paper.



5 EVALUATE

Check your work.

- Does the answer make sense?
- Are your computations accurate?
- Is the answer close to your estimate?
- Are the units what you predicted?
- Did you achieve the problem goal?
- Reread the problem and insert your answer into it. Does it make sense?
  If not: Rework your plan; recalculate.

Tips from Motivation Matters Tutor - Coaching

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