

icked 278654 apples off a tree and
steals 3253 apples how many apples
Sue now have now to eat?

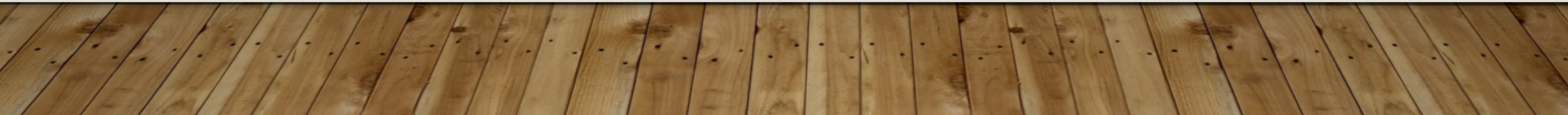
$$Y = mx + b$$

PROBLEM SOLVING

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$$5x + 10 = 0$$

Solve for x



WHAT IS PROBLEM SOLVING?

- Problem solving are the “skills to resolve problems, and the personal resilience to handle the challenges and pressure they may bring.”
- Problem solving involves using analytical and creative skills.

HOW DOES HAVING GOOD PROBLEM SOLVING SKILLS HELP ME?

- Used in every career
- Among top 10 skills looked for by graduate recruiters
- Boosts confidence
- Keeps you alive

FOUR BASIC STEPS TO PROBLEM SOLVING

- Step 1: Define the problem.
- Step 2: Come up with different solutions.
- Step 3: Evaluate the solutions.
- Step 4: Implementation.

STEP I

DEFINE THE PROBLEM

- Break the problem down into pieces.
- Ask questions.
 - What's going wrong?
 - What's causing the problem?
 - What is being affected by the problem?
 - What are the components/variables of the problem?
 - What should it look like with the right solution?

STEP 2

COME UP WITH DIFFERENT SOLUTIONS.

- Trial and error; first answer might not always be the best.
- Get other options from outside sources
- Be creative with the solutions

STEP 3

EVALUATE THE SOLUTION

- Which solution has the highest efficiency?
- Check:
 - Does it solve the problem
 - Is it effective?
 - How long will the solution work for the problem?

STEP 4

IMPLEMENTATIONS/TEST YOUR SOLUTION

- Put your solution into action.
- Involve other to test your results.
- Get a second opinion.
- If solution doesn't work, repeat the process for another solution.

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