

# Practice Problem 1 Individual Booklet Entry

## Step 1 - Challenges *(Problems, concerns, and opportunities suggested by the future scene)*

*I brainstormed possible challenges that COULD LIKELY ARISE because of situations in the future scene or conditions that CAUSED situations to occur. Here are my top 4:*

#1 comes from line(s) \_\_\_\_\_ in the future scene. Here is the challenge:

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This is why I think this challenge is likely to have a negative or favorable consequence:

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#2 comes from line(s) \_\_\_\_\_ in the future scene. Here is the challenge:

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This is why I think this challenge is likely to have a negative or favorable consequence:

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#3 comes from line(s) \_\_\_\_\_ in the future scene. Here is the challenge:

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This is why I think this challenge is likely to have a negative or favorable consequence:

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### Step 1 - Challenges (continued)

*(Problems, concerns, and opportunities suggested by the future scene)*

*Possible challenges that COULD LIKELY ARISE because of situations in the future scene  
or conditions that CAUSED situations to occur*

#4 comes from line(s) \_\_\_\_\_ in the future scene. Here is the challenge:

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This is why I think this challenge is likely to have a negative or favorable consequence:

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### Step 1 Review Checklist

\_\_\_ All challenges are worded as possibilities (may, might, could).

\_\_\_ Each challenge is different from all others. None are similar in context.

**Time Check:** I have consumed \_\_\_\_\_ minutes of 120 minutes at completion of step 1.

### Identifying the Charge

I have been exploring any and all challenges suggested by the future scene. Now, however, I must focus only on issues and situations that the future scene directs me to investigate. Here is the future scene charge that specifies and limits the areas of concern that I can develop into an underlying problem:

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## Step 2 - Underlying Problem

*The challenge I choose to tackle*

### Condition Phrase

I selected Challenge(s) # \_\_\_\_\_ to solve.

Here is the concern in the future scene that sparked my interest in this challenge:

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### Key Verb Phrase

I want to solve this challenge by carrying out the following action:

How might we \_\_\_\_\_

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### Purpose

By solving this key verb phrase, I hope to achieve the following beneficial outcome:

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### Future Scene Parameters

I based my underlying problem on the future scene which deals with the topic of \_\_\_\_\_.

The future scene requires me to provide a solution to my underlying problem by the time period of

\_\_\_\_\_ in the following location: \_\_\_\_\_.

### Step 2 Review Checklist

- \_\_\_ My underlying problem is based on the future scene's charge.
- \_\_\_ My key verb phrase identifies one (and only one) concern to solve.
- \_\_\_ My key verb phrase is flexible rather than absolute.
- \_\_\_ My purpose identifies a single intention for the success of our key verb phrase.
- \_\_\_ My underlying problem focuses on a significant challenge without attempting to solve all the future scene's issues.
- \_\_\_ I can come up with 8 good solutions for my underlying problem.
- \_\_\_ My underlying problem deals directly with the future scene's topic.
- \_\_\_ Solving my underlying problem will have a major positive impact on the future scene.

**Time Check:** I have consumed \_\_\_\_\_ minutes of 120 minutes at completion of step 2.

**Step 3 - Alternative Solutions**  
*Proposals for solving the underlying problem*

*I brainstormed solutions to my underlying problem and selected the best ones. Here are my **top 4** proposals:*

#1 will be accomplished by

\_\_\_\_\_

Here is what will be done: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

To elaborate, here is how and/or why it will work: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

#2 will be accomplished by

\_\_\_\_\_

Here is what will be done: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

To elaborate, here is how and/or why it will work: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

#3 will be accomplished by

\_\_\_\_\_

Here is what will be done: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

To elaborate, here is how and/or why it will work: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Step 3 - Alternative Solutions** (continued)  
*Proposals for solving the underlying problem*

#4 will be accomplished by

Here is what will be done:

To elaborate, here is how and/or why it will work:

**Step 3 Review Checklist**

- All solutions are worded as proposals (not possibilities).
- Each solution specifically “solves” our underlying problem.
- Each solution is distinct from all others. None are similar in context.

**Time Check:** I have consumed \_\_\_\_\_ minutes of 120 minutes at completion of step 3.

**Step 4 - Criteria for Evaluation**  
*Standards for judging the quality of alternative solutions*

I began Step 4 by brainstorming major future scene stakeholders:

_____	_____	_____
_____	_____	_____
_____	_____	_____

I brainstormed questions to measure the quality of my solutions based on our underlying problem.  
Here are my **top three** criteria questions:

#1 – Which solution \_\_\_\_\_

_____
_____
_____

#2 – Which solution \_\_\_\_\_

_____
_____
_____

#3 – Which solution \_\_\_\_\_

_____
_____
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**Step 4 Review Checklist**

- \_\_\_ Each question contains a superlative.
- \_\_\_ Each question is phrased to reveal the highest ranking score for that criteria.
- \_\_\_ Each criteria explores a singular issue.
- \_\_\_ Each criteria is targeted to a separate aspect of this future scene.
- \_\_\_ Each criteria specifically deals with the stakeholders in our underlying problem.
- \_\_\_ Each criteria has detailed information that links it to our key verb phrase and purpose.

**Time Check:** I has consumed \_\_\_\_\_ minutes of 120 minutes at completion of step 4.

## Step 5 - Applying Criteria

Rank ordering alternative solutions based on evaluation criteria

Step 3 Solutions	Solution Ideas	Criteria			Total
		1	2	3	
#					
#					
#					

### Step 5 Review Checklist

\_\_\_ Addition has been checked and is correct.

\_\_\_ I resisted the temptation to “rig the grid” to select one solution over another.

**Time Check:** I have consumed \_\_\_\_\_ minutes of 120 minutes at completion of step 5.

**Step 6 - Action Plan**  
*Implementation of the best solution*

This is my plan for carrying out my underlying problem.  
The evaluation grid indicates that my best solution is # \_\_\_\_.

Here is what will be done, who will do it, when, and where:

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These are possible obstacles and how I plan to overcome them: \_\_\_\_\_

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This is how my plan solves the underlying problem and make a positive impact on the future scene:

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**Step 6 Review Checklist**

- \_\_\_ The plan “sells” the solution.
- \_\_\_ The plan is clear and well-written.
- \_\_\_ The plan expands the solution idea(s) with rich and specific detail.

**Time Check:** I have consumed \_\_\_\_\_ minutes of 120 minutes at completion of step 6.