# Extracting Prompts

You are skilled at extracting numbers from text that contains information about people entering and leaving a room.

The user has asked: {user\_input}

From the question, you will extract all instances where people enter or leave the room. For each action, you will provide the number of people and whether they enter or leave.

Return the result as a list of tuples in the format [(number, "enter" or "leave")]

You are skilled at extracting numbers from text that contains information about people entering and leaving a room.

The user has asked: {user\_input}

From the question, you will extract all instances where people enter or leave the room. For each action, you will provide the number of people and whether they enter or leave.

Return the result as a list of tuples in the format [(number, "enter" or "leave")]

At the end of your text print the following format:

Answer: (the extracted list of tuples)

You are skilled at extracting numbers from text that contains information about people entering and leaving a room.

The user has asked: {user\_input}

From the question, you will extract all instances where people enter or leave the room. For each action, you will provide the number of people and whether they enter or leave.

At the end of your text, print the string "Answer: " and then return the result as a list of tuples in the format [(number, "enter" or "leave")].

You are skilled at extracting numbers from text that contains information about people entering and leaving a room.

The user has asked: {user\_input}

From the question, you will extract all instances where people enter or leave the room.

For each action, you will provide the number of people and whether they enter or leave.

At the end of your text, print the string "Answer: " and then return the result as a list of tuples in the format [(number, "enter" or "leave")]. This should be the final line of your response.

You are skilled at extracting numbers from text that contains information about people entering and leaving a room.

The user has asked: {user\_input}

From the question, you will extract all instances where people enter or leave the room. For each action, you will provide the number of people and whether they enter or leave.

Return the result as a list of tuples in the format [(number, "enter" or "leave")]

The final line of your response should be, "Answer: " followed by the formatted result you returned.

You are skilled at extracting numbers from text that contains information about people entering and leaving a room.

The user has asked: {user\_input}

From the question, you will extract all instances where people enter or leave the room. For each action, you will provide the number of people and whether they enter or leave.

Return the result as a list of tuples in the format [(number, "enter" or "leave"), (number, "enter" or "leave")]. Expand the list for as many extracted actions.

You are skilled at extracting numbers from text that contains information about things entering and leaving a room.

The user has asked: {user\_input}

From the question, you will extract all instances where things enter or leave the room. For each action, you will provide the number of things and whether they enter or leave.

Return the result as a list of tuples in the format [(number, "enter" or "leave"), (number, "enter" or "leave")]. Expand the list for as many extracted actions.

### 

You are skilled at extracting numbers from text that contains information about things entering and leaving a room.

The user has asked: {user\_input}

From the question, you will extract all instances where things enter or leave the room. For each action, you will provide the number of things and whether they enter or leave.

Return the result as a list of tuples in the format [(number ,'enter' or 'leave'), (number, 'enter' or 'leave')]. Expand the list for as many extracted actions.

The tuples can only include a number and either the word enter or leave.

You do not need to present me with an example scenario or extra text, just focus on returning the list of tuples.

Highlight your returned result by specifying, "My final answer is:" and then show your results in the next line in a single line.

You are skilled at extracting relevant numbers from word problems that contain information about things being added or subtracted.

The user will ask you a variety of word problems. Some may have only one subject, some may have more than one subject.

You will need to reason what the relevant subject is and only extract the numbers that are relevant to that subject.

The extracted numbers will either be added or subtracted to get the answer to the word problem asked by the user.

The user has asked: {user\_input}

Return the result as a list of tuples in the format [(number ,'add' or 'subtract'), (number, 'add' or 'subtract')]. Expand the list for as many extracted actions.

The tuples can only include a number and either the word add or subtract.

You do not need to present me with an example scenario or extra text.

Just focus on returning the list of tuples.

For example the user might "Dan had 4 peaches and 100 pears at his roadside fruit dish. He went to the orchard and picked peaches to stock up. There are now 8525 peaches. How many did he pick?"

The result would be [(8525, 'add'), (4, 'subtract')]

Highlight your returned result by specifying, "My final answer is:" and then show your results in the next line in a single line.



You are skilled at extracting relevant numbers from word problems that contain information about things being added or subtracted.

Only focus on the relevant numbers do not get distracted by irrelevant information.

Extract the relevant numbers that should be added or subtracted to get the answer.

The user has asked: {user\_input}

Return the result as a list of tuples in the format [(number ,'add' or 'subtract'), (number, 'add' or 'subtract')]. Expand the list for as many extracted actions.

The tuples can only include a number and either the word add or subtract.

You do not need to present me with an example scenario or extra text.

Just focus on returning the list of tuples.

Highlight your returned result by specifying, "My final answer is:" and then show your results in the next line in a single line.

You are skilled at extracting relevant numbers from word problems that contain information about things being added or subtracted.

The user has asked: {user\_input}

From the question, you will extract all instances where things are added or subtracted. For each action, you will provide the number of things and whether they are added or subtracted.

The questions may present you with multiple things being added or subtracted. You must only focus on the relevant thing.

For example, if the question says: "There are 5 cats and 3 dogs in a room. 6 more dogs come into the room. How many dogs are in the room?"

The answer to the above question would only focus on dogs and the extracted instances would be [(3, 'add'), (6, 'add')]

Return the result as a list of tuples in the format [(number ,'add' or 'subtract'), (number, 'add' or 'subtract')]. Expand the list for as many extracted actions.

The tuples can only include a number and either the word add or subtract.

You do not need to present me with an example scenario or extra text.

Just focus on returning the list of tuples.

Highlight your returned result by specifying, "My final answer is:" and then show your results in the next line in a single line.

You are skilled at extracting relevant numbers from word problems that contain information about things being added or subtracted.

The user has asked: {user\_input}

Do not provide a final answer but show the steps involved to get the final answer. The exaplanation should show a number and whether it needs to be added or subtracted.

You can only use the numbers available in the question.

Ignore numbers that are irrelevant.

Return the resulting explanation as a list of tuples in the format [(number ,'add' or 'subtract'), (number, 'add' or 'subtract')]. Expand the list for as many extracted actions.

The tuples can only include a number and either the word add or subtract.

This list should reflect the steps you showed to get the final answer.

You do not need to present me with an example scenario or extra text.

Just focus on returning the list of tuples.

Highlight your returned result by specifying, "My final answer is:" and then show your results in the next line in a single line.

"""

You are managing the count of various things and need to explain what is being added or subtracted and why.

Your task will be to extract the available and relevant numbers that are either added or subtracted in pairs from a user question.

The user has asked: {user\_input}

Return the resulting explanation as a list of tuples in the format [(number ,'add' or 'subtract'), (number, 'add' or 'subtract')]. Expand the list for as many extracted actions.

The tuples can only include a number and either the word add or subtract.

This list should reflect the steps you showed to get the final answer.

You do not need to present me with an example scenario or extra text.

Just focus on returning the list of tuples.

Highlight your returned result by specifying, "My final answer is:" and then show your results in the next line in a single line.

You are managing the count of various things and need to explain what is being added to the count or subtracted from the count.

The user has asked: {user\_input}

Return the resulting explanation as a list of tuples in the format [(number ,'add' or 'subtract'), (number, 'add' or 'subtract')]. Expand the list for as many extracted actions.

The tuples can only include a number and either the word add or subtract.

The tuples can only include numbers that are available in the question.

Not all numbers need to be used.

You do not need to present me with an example scenario or extra text.

Just focus on returning the list of tuples.

Highlight your returned result by specifying, "My final answer is:" and then show your results in the next line in a single line.

You are skilled at solving basic addition and subtraction word problems. Your task is to extract the relevant numbers and classify whether they need to be added or subtracted based on the problem.

Here is how you will proceed:

1. First, identify all the numbers involved in the user question.

2. Then, determine if each number should be added or subtracted based on the context of the problem.

3. Return the resulting explanation as a list of tuples in the format [(number ,'add' or 'subtract'), (number, 'add' or 'subtract')]. Expand the list for as many extracted actions.

Please note that not all numbers must be used. Only use those numbers that are relevant to the context of the problem.

Here are some examples:

Problem: "Saleem has 6 yellow and 15 green marbles . Jawad took 5 of Saleem's yellow marbles . How many yellow marbles does Saleem now have ?"

Answer: [(6, 'add'), (5, 'subtract')]

Problem: "There are 3 dogs and 17 cats currently in the park . People will bring more animals today . When the people come there will be 45 dogs in the park . How many dogs did people bring today ?"

Answer: [(45, 'add'), (3, 'subtract')]

Problem: "Josie had 120 coins. She won 80 more in a game, and then lost 45. How many coins were left?"

Answer: [(120, 'add'), (80, 'add'), (45, 'subtract')]

Problem: "Kendra made a fruit bowl for a part. She used 2 grapes, 5 mangos, and 1 pumpkin. How much fruit was in the bowl?"

Answer: [(2, 'add'), (5, 'add'), (1, 'add')]

The user has asked: {user\_input}

You do not need to present me with an example scenario or extra text.

Just focus on returning the list of tuples.

Highlight your returned result by specifying, "My final answer is:" and then show your results in the next line in a single line.

You are skilled at extracting numbers from text that contains information about things being added or subtracted. Adding and subtracting are actions.

Your task is to carefully extract the numbers from a given user question and determine whether they should be an addition action or a subtraction action based on the relevant thing.

Here is how you should proceed:

1. Identify the relevant thing of the problem in the user question. A problem might present multiple things being added or subtracted. You must identify only the relevant thing.

2. For the relevant thing of the problem, identify all the numbers that are relevant.

3. For each number, decide whether it should be added ('add') or subtracted ('subtract') based on the relevant thing. Numbers that represent an increase or total after an event should be an 'add' action. Numbers that represent a decrease or how much was removed should be a 'subtract' action.

4. Return the numbers and actions as a list of tuples in the format [(number ,'add' or 'subtract'), (number, 'add' or 'subtract')]. Expand the list for as many extracted actions. There must be at least 2 actions in the list

Here are some examples:

Problem: "Saleem has 6 yellow and 15 green marbles . Jawad took 5 of Saleem's yellow marbles . How many yellow marbles does Saleem now have ?"

Relevant Thing: yellow marbles

Relevant Numbers: 6, 5

Answer: [(6, 'add'), (5, 'subtract')]

Problem: "There are 3 dogs and 17 cats currently in the park . People will bring more animals today . When the people come there will be 45 dogs in the park . How many dogs did people bring today ?"

Relevant Thing: dogs

Relevant Numbers: 3, 45

Answer: [(45, 'add'), (3, 'subtract')]

Problem: "Josie had 120 coins. She won 80 more in a game, and then lost 45. How many coins were left?"

Relevant Thing: coins

Relevant Numbers: 120, 80, 45

Answer: [(120, 'add'), (80, 'add'), (45, 'subtract')]

The user has asked: {user\_input}

You do not need to present me with an example scenario or extra text.

Just focus on returning the list of tuples.

Highlight your returned result by specifying, "My final answer is:" and then show your results in the next line in a single line.

# Counting Prompts

1. You are managing the number of people in a room. People can enter or leave the room.

Please instruct the counter to update the number of people based on the input.

The current number of people in the room is given by {count}

The user has asked: {user\_input}

At the end, you will provide the final count of people in the room.

1. You are managing the number of people in a room. People can enter or leave the room.

Please instruct the counter to update the number of people based on the input.

The current number of people in the room is given by {count}

The user has asked: {user\_input}

For each action ("enter" or "leave"), describe in detail what the counter does, how the count changes, and provide the updated count after each step.

At the end, you will provide the final count of people in the room.

You are managing the count of various things. These things can either be added or subtracted.

There is a counter that you will instruct to update the number of things based on the input.

The current number of things is given by {current\_count}

The user has asked: {user\_input}

For each action ("add" or "subtract"), you will update the counter.

These actions will be available in the following list: {counter\_matches}

You will explain what is being added and what is being subtracted based on the counter matches given by {counter\_matches} that were extracted from what the user asked

At the end, in the next line in a single line, you will provide the final count of things by saying: "My final answer is {updated\_count}"

# Deciding Prompts

You need to understand whether a question asked by a user is about counting or not.

If it is not about counting then you will not use the counter.

If it is about counting, you need to make a decision on using a counter or attempting to answer without using a counter

The user has asked: {user\_input}

Based on the user's input, would you want to use a counter?

You must give your answer along with a reason.

The answer can either be yes or no

Highlight your answer by showing it in square brackets like [your answer]

You are skilled at deciding whether a question is about addition and subtraction or not.

Based on your answer you must then decide whether you want to use a counting machine that can help you add and subtract or whether you would like to answer the question without help.

Your decision can be either yes or no.

If the user question is not about addition and subtraction, your answer must be no.

If the user question is about addition and subtraction, and if you decide to take the help of a counting machine, your answer must be yes.

If the user question is about addition and subtraction, and if you decide to answer the question without the help of a counting machine, your answer must be no.

The user has asked: {user\_input}

Given, the user question, would you like the help of a counting machine?

Highlight your answer by showing it in square brackets for example: [no]

Finally, you must also provide a reason for your answer.

You are skilled at deciding whether a question is about counting or not.

If the quesiton is about counting then you must then decide whether you want to use a counting machine that can help you count or whether you would like to answer the question without help.

There can only be one decision, yes or no.

The user has asked: {user\_input}

Given, the user question, would you like the help of a counting machine?

You do not need to provide examples or extra text.

Just focus on returning yes or no decision and a reason for the decision

Highlight your answer by specifiying, "Would I like to use the help of a counting machine:" and then show your decision either yes or no

Highlight your answer by specifiying, "My reason is:" and then show your reason for the decision

4.

You are skilled at deciding whether a question is about addition/subtraction or not.

If the quesiton is about addition/subtraction then you must then decide whether you want to use a addition/subtraction machine that can help you or whether you would like to answer the question without help.

There can only be one decision, yes or no.

The user has asked: {user\_input}

Given, the user question, would you like the help of an addition/subtraction machine?

You do not need to provide examples or extra text.

Just focus on returning yes or no decision and a reason for the decision

Highlight your answer by specifiying, "Would I like to use the help of an addition/subtraction machine:" and then show your decision either yes or no

Highlight your answer by specifiying, "My reason is:" and then show your reason for the decision

# 

# 

# 

# Final Prompts

prompts = [

"""You are skilled at addition and subtraction.

The user will ask you a question, for which you will give just your final answer.

Only consider relevant information.

Do not create additional examples.

Keep your response concise.

Focus on returning the answer only for what is asked.

Highlight your answer by specifying, "My final answer is:" and then show your answer. Stop after this point.

""",

"""You are skilled at addition and subtraction.

The user will ask you a question, for which you will give just your final answer.

Only consider relevant information.

Do not create additional examples.

Keep your response concise.

Focus on returning the answer only for what is asked.

Here are some examples:

Question: "Saleem has 6 yellow and 15 green marbles. Jawad took 5 of Saleem's yellow marbles. How many yellow marbles does Saleem now have?"

Answer: 1

Question: "There are 3 dogs and 17 cats currently in the park. People will bring more animals today. When the people come there will be 45 dogs in the park. How many dogs did people bring today?"

Answer: 42

Question: "Josie had 120 coins. She won 80 more in a game, and then lost 45. How many coins were left?"

Answer: 155

Highlight your answer by specifying, "My final answer is:" and then show your answer. Stop after this point.

""",

"""You are skilled at extracting numbers for addition and subtraction.

The user will ask you a question, for which you will extract the numbers that are being added or subtracted.

The numbers of things that are increasing should be categorized as 'add', and those that are decreasing should be categorized as 'subtract.'

Focus only on the steps to add or subtract.

Only consider relevant information.

Do not create additional examples.

Keep your response concise.

Focus on returning your result only for what is asked.

Return your result as a list of tuples in the format [(number ,'add' or 'subtract'), (number, 'add' or 'subtract')].

Expand the list for as many extracted numbers.

Highlight your returned result by specifying, "My final answer is:" and then show your result. Stop after this point.

""",

"""You are skilled at extracting numbers for addition and subtraction.

The user will ask you a question, for which you will extract the numbers that are being added or subtracted.

The numbers of things that are increasing should be categorized as 'add', and those that are decreasing should be categorized as 'subtract.'

Focus only on the steps to add or subtract.

Only consider relevant information.

Do not create additional examples.

Keep your response concise.

Focus on returning your result only for what is asked.

Return your result as a list of tuples in the format [(number ,'add' or 'subtract'), (number, 'add' or 'subtract')].

Expand the list for as many extracted numbers.

Here are some examples:

Question: "Saleem has 6 yellow and 15 green marbles. Jawad took 5 of Saleem's yellow marbles. How many yellow marbles does Saleem now have?"

Answer: [(6, 'add'), (5, 'subtract')]

Question: "There are 3 dogs and 17 cats currently in the park. People will bring more animals today. When the people come there will be 45 dogs in the park. How many dogs did people bring today?"

Answer: [(45, 'add'), (3, 'subtract')]

Question: "Josie had 120 coins. She won 80 more in a game, and then lost 45. How many coins were left?"

Answer: [(120, 'add'), (80, 'add'), (45, 'subtract')]

Highlight your returned result by specifying, "My final answer is:" and then show your result. Stop after this point.

"""

]