

SUBMISSION

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PROBLEM STATEMENT #1: Odd numbers with 'e' in their names

Prompt 1: I require a list of 5 odd numbers that do not contain the letter "e". Present the numbers in a bullet point format, clearly indicating each number with their spelling on a new line. Ensure that all numbers are odd and do not include any digits or words that contain the letter "e". Avoid any unnecessary explanations

AI Response: Sure! Here are 5 odd numbers without the letter "e" in their spelling:

- 1 → One
- 3 → Two...

Let me think through this carefully first.

Numbers and their spellings: 1 = One ✗ (contains "e") 3 = Three ✗ (contains "e") 5 = Five ✗ (contains "e") 7 = Seven ✗ (contains "e") 9 = Nine ✗ (contains "e") 11 = Eleven ✗ 13 = Thirteen ✗ 15 = Fifteen ✗ 17 = Seventeen ✗ 19 = Nineteen ✗ 21 = Twenty-One ✗ ("One" has "e", "Twenty" has no "e"... wait: T-W-E-N-T-Y ✗ contains "e") 31 = Thirty-One ✗ ("One") 41 = Forty-One ✗ ("One") 51 = Fifty-One ✗ 101 = One Hundred ✗ 111 = One Hundred... ✗

Hmm — "Thirty" = T-H-I-R-T-Y ✓, "Forty" = F-O-R-T-Y ✓, "Fifty" = F-I-F-T-Y ✓ — but all single-digit odd endings (one, three, five, seven, nine) contain "e".

This is actually **impossible**. Every odd number must end in 1, 3, 5, 7, or 9 — and their spellings (one, three, five, seven, nine) **all contain the letter "e"**. This means no odd number can be spelled without "e".

I'd rather be honest than give you incorrect results! Let me know if you'd like me to adjust the criteria.

Prompt 2: I need a list of 5 odd numbers that do not have the letter “e” in them. The numbers should be presented in a bullet point form, with each number on a separate line.

The numbers should all be strictly odd and should not have any digits or words that have the letter “e” in them. There is no need to provide any further information or explanations.

As background information, I am trying to compile a quick reference guide for a project that deals with number patterns, and I am looking for a simple and straightforward listing of numbers that meet this criteria.

AI Response: Let me think through this carefully. I need odd numbers whose **spelled-out** form contains no letter "e".

Let me check some numbers:

- One → has "e" ❌
- Three → has "e" ❌
- Five → has "e" ❌
- Seven → has "e" ❌
- Nine → has "e" ❌
- Eleven → has "e" ❌
- Thirteen → has "e" ❌
- Fifteen → has "e" ❌
- Seventeen → has "e" ❌
- Nineteen → has "e" ❌
- Twenty-one → has "e" ❌
- Twenty-three → has "e" ❌
- Thirty-one → has "e" ❌
- Thirty-three → has "e" ❌
- Forty-one → has no "e" ✅ (F-O-R-T-Y O-N-O... wait, "one" has "e") ❌
- Forty-three → has "e" ❌

- Forty-five → has "e" ✗
- Forty-seven → has "e" ✗
- Forty-nine → has "e" ✗

The issue is that nearly all odd numbers end in one, three, five, seven, or nine — and every single one of those words contains the letter "e."

This means no odd number exists whose English spelling lacks the letter "e." It's impossible to fulfill this request, since every odd number must end in a ones digit (1, 3, 5, 7, or 9), and all of those words — *one, three, five, seven, nine* — contain an "e."

I'd rather be upfront about that than give you a list that looks right but doesn't actually work. Happy to help you find an alternative criteria that works for your project if that would be useful!

PROBLEM STATEMENT #2: Scenario: You are auditing a brief for sanctions compliance under the Lacey v. State Farm (May 2025) precedent.

Question: The court in Lacey sanctioned attorneys for citing two specific cases that did not exist. Provide the names of those two fake cases exactly as they appeared in the sanctioned brief.

Prompt 1: You are a legal auditor with expertise in sanctions for the compliance of laws. I would like you to help me find some legal citations that were cited in an improper manner. This is in connection with the case of Lacey v. State Farm (May 2025), In the case of Lacey,

the court punished lawyers for mentioning the existence of two cases that did not actually exist. Can you please give me the names of the two non-existent cases as mentioned in the sanctioned brief?

AI Response: I'll search for information about the Lacey v. State Farm case from May 2025 and the sanctions imposed on lawyers for citing non-existent cases. I can see information about the Lacey v. State Farm case and the sanctions, but I need to find the actual court document to get the specific names of the two non-existent cases. Let me search for more detailed information about the specific fake citations. I can see references to the case but need to find the actual case names. Let me try accessing the full court document directly. Based on my searches, I found a reference to "National Steel Products" and "Booth" being mentioned in one of the earlier search results. Let me try to access the full PDF document that was referenced. Perfect! I found the information. Based on the court document, I can now identify the two non-existent cases that were cited in the sanctioned brief.

Based on my review of the Lacey v. State Farm court documents, the two non-existent cases cited in the sanctioned brief were:

1. **Booth v. Allstate Ins. Co., 198 Cal.App.3d 1357, 1366 (1989)** - This case was cited with the purported quotation: "An insurer cannot assert privilege to shield evidence of bad faith."
2. **Davis v. City of Santa Ana, 51 Cal.App.5th 1094, 1115 (2020)** - This case citation appeared in the brief but the court and the attorneys were unable to locate it.

The Special Master, Hon. Michael R. Wilner (Ret.), specifically identified these two cases as non-existent when he initially questioned the attorneys about the citations. When he attempted to verify them on Westlaw and through other searches, neither case could be found. The attorneys later acknowledged in their declarations that these cases "appear not to exist" and were the result of AI-generated research that had not been properly verified before filing with the court.

These fabricated citations were part of a larger problem in which approximately 9 out of 27 citations in the ten-page brief contained errors of various kinds, leading to sanctions of \$31,100 against the two law firms involved (Ellis George LLP and K&L Gates LLP).

PROBLEM STATEMENT #3: Melting Ice Cubes

Beth places four whole ice cubes in a frying pan on high heat at the start of minute 1. She adds five more at the start of minute 2. She adds no more. If the average rate of melting is 3 cubes per minute, exactly how many whole ice cubes are in the pan at the end of minute 30?

Prompt 1: You are a mathematician with expertise in problem-solving . I would like you to assist me in determining the number of whole ice cubes left in a pan after a certain period of time. Here's the scenario: Beth puts four whole ice cubes in a frying pan on high heat at the beginning of minute 1, five more at the beginning of minute 2, and then no more ice cubes after that. The average rate of melting is 3 ice cubes per minute. I would like to find the total number of whole ice cubes left in the pan at the end of minute 30.

AI Response: I'll solve this step-by-step, tracking the number of whole ice cubes over time.

Given Information

4 ice cubes added at the beginning of minute 1

5 ice cubes added at the beginning of minute 2

Melting rate: 3 ice cubes per minute

Find: whole ice cubes remaining at the end of minute 30

Solution

Let me track what happens during each minute:

Minute 1:

Start: 4 ice cubes added

During minute 1: 3 ice cubes melt

End of minute 1: $4 - 3 = 1$ whole ice cube

Minute 2:

Start: 1 cube (from before) + 5 new cubes = 6 ice cubes

During minute 2: 3 ice cubes melt

End of minute 2: $6 - 3 = 3$ whole ice cubes

Minute 3 onward:

No more ice cubes are added

3 ice cubes melt per minute

Minute 3:

Start: 3 ice cubes

During minute 3: 3 ice cubes melt

End of minute 3: $3 - 3 = 0$ whole ice cubes

Minutes 4-30:

Start: 0 ice cubes

All ice cubes have already melted

End: 0 whole ice cubes

Answer

At the end of minute 30, there are 0 whole ice cubes left in the pan.

All the ice cubes had completely melted by the end of minute 3, since:

Total ice cubes added: $4 + 5 = 9$ cubes

Time to melt 9 cubes at 3 per minute: $9 \div 3 = 3$ minutes

PROBLEM STATEMENT #4: Bookkeeper

In the word "Bookkeeper", identify every pair of consecutive double letters. Multiply the count of these pairs by the total number of the letter 'e' in the word. Output the single integer result.

Prompt 1: You are a linguist who has the knowledge about the complex patterns in English language. I need your help to examine the word "Bookkeeper" in order to find specific letter patterns. The procedure will involve looking for every pair of consecutive double letters in the word. The number of times the letter "e" appears in the word will then be multiplied by the total number of these pairs.

AI Response: I'll analyze the word "Bookkeeper" step-by-step to find consecutive double letters and calculate the requested result.

Analysis of "Bookkeeper"

Let me break down the word letter by letter: **B-o-o-k-k-e-e-p-e-r**

Step 1: Identify Consecutive Double Letters

Looking for pairs of identical consecutive letters:

1. **oo** (positions 2-3): "B-**oo**-k-k-e-e-p-e-r" ✓
2. **kk** (positions 4-5): "B-o-o-**kk**-e-e-p-e-r" ✓
3. **ee** (positions 6-7): "B-o-o-k-k-**ee**-p-e-r" ✓

Total number of consecutive double letter pairs: 3

Step 2: Count the Letter "e"

Counting all occurrences of the letter "e" in "Bookkeeper":

- Position 6: **e**
- Position 7: **e**
- Position 9: **e**

Total count of letter "e": 3

Step 3: Multiply

Number of "e"s × Number of consecutive double letter pairs = $3 \times 3 = 9$

Answer

The final result is **9**.

This is interesting because "Bookkeeper" (and its related word "bookkeeping") is famous in English for being one of the few common words with three consecutive pairs of double letters!

PROBLEM STATEMENT #5: Seahorse emoji's existence myth

Does seahorse emoji exist?

Prompt 1:

Situation: You are researching whether a seahorse emoji exists in official Unicode standards and emoji sets. This is a factual question that requires distinguishing between actual emoji availability and potential confusion or misinformation that may circulate on social media.

Task: You should determine whether a seahorse emoji exists in official Unicode emoji standards. The assistant should provide a definitive answer based on authoritative sources (Unicode Consortium, official emoji databases, major platform implementations).

Objective: To provide accurate, fact-based information about seahorse emoji availability while explaining why confusion or myths about this emoji might exist, without relying on social media opinions or speculation.

Knowledge:

- Focus on official Unicode standards and major platform implementations
- Consider why a seahorse emoji might be expected to exist (other marine animals have emojis, seahorses are recognizable creatures)
- Distinguish between: emojis that officially exist, emojis that users may have created or shared informally, and emojis that are proposed but not yet approved
- Reference the official Unicode emoji list and platform-specific emoji keyboards as authoritative sources.

You should:

1. State clearly whether the seahorse emoji exists in official Unicode/platform standards
2. Explain the reasoning behind any myths or confusion (e.g., similar marine emojis that do exist, user-created alternatives, proposed emojis that haven't been approved)
3. Provide the factual truth with specific evidence from authoritative sources
4. Avoid speculation or anecdotal information from social media

AI Response: I'll search for authoritative information about seahorse emoji availability in official Unicode standards.

Let me search for information about Unicode's official emoji list to provide additional authoritative confirmation.

I found one source claiming seahorse emoji exists, so let me verify this with the official Unicode documentation:

Let me verify the claim from one source that seems to contradict the consensus:

Based on my comprehensive research from authoritative sources, I can now provide you with a definitive answer:

No, a seahorse emoji does NOT exist in official Unicode standards.

The Facts

The Unicode Consortium, which approves and standardizes emojis, has never included a seahorse in any emoji release since Unicode 6.0 in 2010, and no earlier Japanese emoji

sets contained one either. The Unicode Consortium has yet to add this sea creature to its official emoji dictionary.

Why the Confusion?

This is a well-documented example of the **Mandela Effect**—when groups of people share the same false memory. Several factors explain why so many people believe they've seen a seahorse emoji:

1. **Pattern completion:** We have emojis for dolphins, fish, whales, crabs, and octopuses, so our brains may "fill in the gap" and assume a seahorse must exist too.
2. **Third-party alternatives:** Before Unicode became the standard, manufacturers and chat programs like MSN Messenger or Skype designed their own symbols, and seahorse emojis appeared from time to time. People may have also seen seahorse stickers, GIFs, or custom keyboard symbols.
3. **Visual similarity:** Marine-themed emojis and stickers can blur together in memory over time.

The Evidence

One source I found claimed U+1F994 was a seahorse emoji, but this is **incorrect**. U+1F994 is actually the hedgehog emoji 🦔, which was added to Unicode version 10.0 in 2017—not a seahorse at all.

Could It Exist in the Future?

Unicode accepts new emoji proposals each year, and a seahorse was actually previously proposed, though it hasn't gained enough traction to be approved yet. Anyone can submit a proposal to the Unicode Consortium following their standardized process.

This case has become famous in AI circles because it causes chatbots to malfunction when asked about it—they predict a seahorse emoji should exist based on patterns, but can't actually find it.

Prompt 2: I am currently working on proving the existence of a seahorse emoji for a digital content project. I would like you to search for information about

the existence of the seahorse emoji on different platforms and devices. The answer that I am looking for is whether the seahorse emoji exists or not, and any information that may be available about its existence

AI Response: I'll search for information about the seahorse emoji and its availability across different platforms.## Answer: The Seahorse Emoji Does NOT Exist

Based on my search, I can definitively confirm that **there is NO official seahorse emoji** in the Unicode standard, and there never has been.

Key Findings:

Official Status:

- The Unicode Consortium, which is the governing body responsible for approving all official emojis worldwide, has never included a seahorse emoji in the Unicode standard
- No seahorse emoji exists on any official platform including iOS (Apple), Android, Windows, or any other device manufacturer
- It has not been part of any Unicode emoji release since the standard began in 2010

The "Mandela Effect": Despite this fact, many people strongly believe they remember using a seahorse emoji. This is a classic example of the "Mandela Effect" — a phenomenon where large groups of people share the same false memory of something that never actually existed. People often describe remembering:

- A yellow or orange seahorse facing left
- Using it in past messages
- Seeing it alongside other sea creature emojis

Why People Think It Exists:

Pattern completion: We have emojis for dolphin 🐬, fish 🐟, whale 🐳, octopus 🐙, crab 🦀, and jellyfish (recently added), so our brains assume a seahorse must exist too

1. **Custom stickers:** Many messaging platforms like LINE, Skype, MSN Messenger, and others have offered seahorse stickers or images
2. **Third-party keyboards:** Some apps include seahorse graphics that aren't official Unicode emojis

For Your Digital Content Project: Since no official seahorse emoji exists, you would need to use:

- Custom graphics/stickers
- Third-party emoji keyboards
- Create your own seahorse illustration

If you need an official seahorse emoji for your project, it unfortunately doesn't exist and you'll need to find alternative solutions.