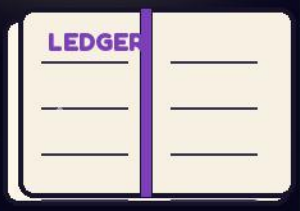
SAVE THE SKY

Astro Bear writes the sky to the XRP Ledger

An XRPL Education Month comic









Buzz



Sol

Luna



Gaia

LOOK UP

The sky is always moving. One night, Astro Bear and the crew wonder if a single moment of it can be kept.



Buzz

Astro Bear
The sky is always moving. What if we could keep one moment of it?

Sol
How would we even hold a whole sky?



Luna
Maybe the ledger can hold it.



Sol



Luna



Gaia

THE LAB IS OPEN

They do not need a new sky page. Live Sky is already there. This story is just the classroom beside it.

sky.astrobear589.com



Save a sky snapshot



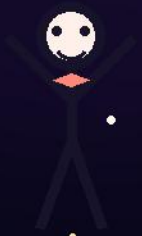
Buzz

Luna
We can save a snapshot to the testnet. That is the practice ledger.

Gaia
The Live Sky page stays just as it is. We just use it.



Luna



Gaia

A SIGNED INSTRUCTION

A transaction is a signed instruction, not automatically a payment. This one is an AccountSet. It writes a short note onto the account.



TRANSACTION

Type: AccountSet

Not a Payment.

Not an NFT mint.

A short public note.



Buzz

Astro Bear
We are not sending money. We are writing a note, and we have to sign it.

Buzz
Signed, then the notebook can keep it.

RIDDLE
What kind of transaction writes the sky memo, without sending XRP to anyone?

THE SKY IN A MEMO

The first memo type is astrobear/sky. It holds one line of plain text in a format that starts with ABSKY1.

```
ABSKY1; t=2026-11-13T11:29:21Z; ml=108302455; Su=13866; Mo=16645; Me=12902R; Ve=12172R...
```

t = the sky time. ml = a mainnet ledger number. Su = the Sun, in arc minutes. A trailing R means retrograde.

Luna
t is the sky time. ml is the mainnet ledger number used as a timestamp. Su is the Sun, counted in arc minutes.

Gaia
And no birth dates, no birth times, no names. Ever. A ledger memo is public and permanent.



RIDDLE
What personal details must never go into a ledger memo?

THE HASH SEAL

The second memo type is astrobear/sky-sha256. It is a SHA-256 hash of the exact sky memo. Anyone can check the seal.



astrobear/sky-sha256

65e887578df20f499fdd1e826dbf69f3
5b52bbd8051880ff588f8d724aa66faa

Astro Bear

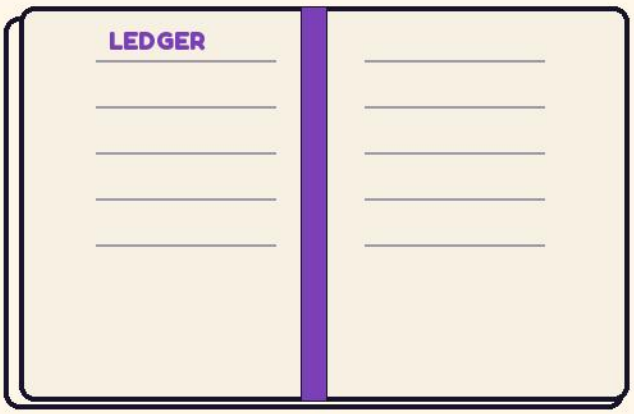
Hash the first memo. If your result matches this one, the sky text was not garbled.

RIDDLE

Why is there a second memo on the same transaction?

A PAGE IN THE NOTEBOOK

When validators agree, the transaction lands on a ledger version, like a page number in a shared notebook. A tiny fee is destroyed.



Ledger index

22291853

Close time

6:29:41 AM ET

Fri, Nov 13, 2026

Fee: 12 drops, burned

Sol

Testnet is for practice. Mainnet is the live ledger. This snapshot lives on testnet.

Buzz

The fee is not a tip. It vanishes so junk is harder to write.



Sol



Buzz

RIDDLE

What happens to the tiny XRP fee on this snapshot transaction?

READ IT ON THE EXPLORER

Open the testnet explorer, paste the hash, and read the memos. You can also open the same sky on the Live Sky wheel with a ?tx= link.

testnet.xrpl.org

AccountSet tesSUCCESS validated

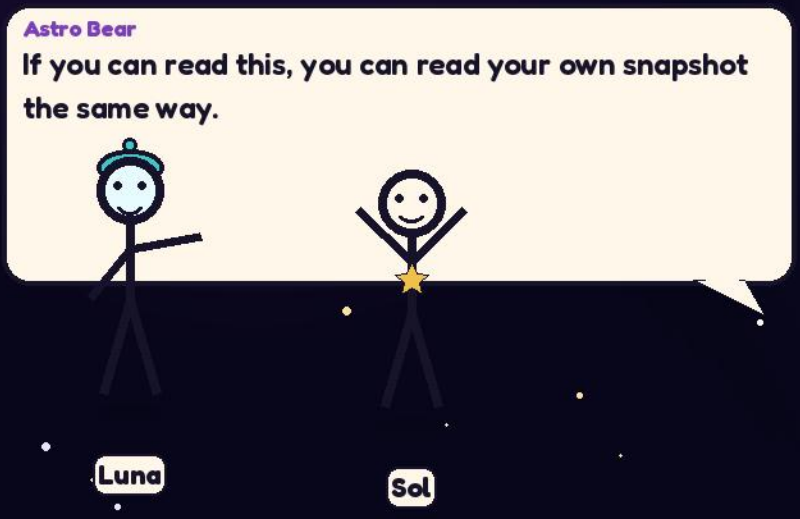
3AD2EEED25706D9948EC19DD01EB2A5988FD6B5FD4FAF627DEE37E2718CFD363

Memos

1. astrobear/sky ABSKY1;t=...;ml=...;Su=...
2. astrobear/sky-sha256 65e88757...aa66faa

Ledger index 22291853 Close 6:29:41 AM ET





Lesson: xrpl.astrobear589.com/sky-lesson.html

Wheel: sky.astrobear589.com/?tx= plus your hash

RECAP AND A CHALLENGE

Answer key

Page 3. An AccountSet.

Page 4. Birth dates, birth times, names, or any other personal details. Never.

Page 5. It holds a SHA-256 hash of the sky memo, so anyone can check the data.

Page 6. The fee is destroyed, and paid to no one.

Remember: a transaction is a signed instruction. A memo is a public note. A hash is a seal. A ledger index is a page number. Testnet is for practice.

FULL MOON SNAPSHOT CHALLENGE

On November 24, 2026, the Moon is exactly full at 9:54 AM ET. Save a testnet snapshot near that moment at sky.astrobear589.com. Post your explorer link and tag @AstroBear589.

Now you try. Save the sky.



