Solutions and Report for the 25th anniversary Super-TTriddle

We received several near-perfect solutions and a bunch of partials. Our thanks and appreciation to you all for enjoying working on the puzzle we enjoyed making.

Armed with the fore-knowledge that each of the 25 pictograms was in some way connected to 25, made some of them easy to guess and others a bit harder. You used the internet as did we for some of them. That was fine. This challenge was meant to teach you some new things along the way. And we're sure it did. The answers below will often be supplemented by additional facts, for your learning enjoyment. We especially appreciated the solutions that also told us how much fun you had working on the Super-TTriddle.

Starting at the top-left, we will go from left to right for each of the five rows:

The coin is a U.S. quarter of a dollar, i.e. 25¢. That was missed by severaal solvers who just focused on Arkansas, the **25**th state to join the U.S. The first two were Delaware and Pennsylvania and the last two were Alaska and Hawaii.

This is one in Hebrew is ZEH ECHAD, gimatriya = 7+5 (12) + 1+8+4 (13) = **25**.

The dreidel and Israeli coin with the Menora on it stands for Chanuka, which begins on the **25**th of Kislev.

SH'NEI DAYANEI G'ZEIROT... is the name of the 13th and last chapter in Mishna, Masechet K'tubot, the **25**th volume of the 63 in SHISHA SIDREI MISHNA. During the time of the second Beit HaMikdash, there was a special court in Yerushalayim the handed out fines for thefts and other monetary matters. The mishna discusses decisions of the court that were challenged by others in positions of authority.

OHR, light, is the **25**th word of the Torah. This is not just choosing the 25th word, it is considered a REMEZ (hint, clue) to Chanuka from the Torah. Following the description of TOHU and BOHU and DARKNESS that prevailed after the first stage of Creation, which was followed by Let there be Light, we can describe the years under Greek rule and oppression and being the DARKNESS that was dispelled by the Choshmona'im and the miraculous lights of the Menora on the 25th of the month (Kislev).

La is the 2-letter abbreviation of Louisianna, the **25**th most populous state. Top two states are California and

Texas. Bottom two are Vermont and Wyoming.

Smallest Friedman number is **25**. Obvious answer without even knowing what a Friedman number is. Easily looked up on the internet. A Friedman number is a positive integer that can be written (nontrivially) using its own digits, together with parentheses and the operations of addition, subtraction, multiplication, division and exponentiation. An example of a Friedman number is 1395, because we can write 1395 = 15 x 93, and the digits on each side of the equation are the same, even if they do not appear in the same order. $25 = 5^2$, making it a Friedman number. Some other examples: 153 = 51x3 and $343 = (3+4)^3$

The upside down lowercase H is actually the **25**th letter of the Cyrillic (Russian) alphabet. It is pronounced like the CH of cheese, chirp, and Charles, but not like the ch in choir, Chanuka, chivalry.

The Lone Ranger's faithful horse is Silver, as in a silver anniversary being the **25**th.

The Israei coin with the lyre on the reverse side was the old old **25** agarot coin from the days of the Israeli pound that preceded the shekel which preceded the new shekel.

IL is the 2-letter abbreviation for Illinois, the **25**th largest state in area. The two largest are Alaska and Texas. The two smallest are Delaware and Rhode Island.

The baseball player pictured obviously wears number **25**. You can get that without knowing who he is. He is Bobby Bonds who oplayed for the SF Giants (and other teams). He was chosen rather than his more famous son who also wore 25, but whose exceptional career and records are tainted.

NOTEIN LECHEM L'CHOL BASAR, KI L'OLAM CHASDO. The phrase KI L'OLAM CHASDO occurs 41 times in Tanach, mostly - but not only - in T'hilim. FYI, it occurs 6 times in Divrei HaYamim, once in Ezra, once in Yirmiyahu, and 33 times in T'hilim - once each in the opening pasuk of 106 and 107, five times in Hallel's 118, and 26 times - end of every pasuk of 136. **25**th pasuk of T'hilim 136 is NOTEIN LECHEM L'CHOL BASAR...

Prime numbers have only two factors each, 1 and the number itself. The number 1 is not considered prime because it has only one factor. Numbers that can be divided evenly by numbers other than 1 and itself are called composite. The primes less than 100 are 2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31, 37, 41, 43, 47, 53, 59, 61, 67, 71, 73, 79, 83, 87, 97. There are **25** primes less than 100.

The single-digit odd numbers are 1, 3, 5, 7, 9. The letters SUM were in a different color and asked for you to add up those numbers. 1+3+5+7+9 = **25**.

Mn was meant to point you towards Minnesota because of the three states above it in their column. But, alas, Minnesota does not seem to have a 25 associated with it. But the chemical

Element Manganese, symbol Mn, is element number **25**.

Came across this one by accident. Let's say three years ago, 22nd anniversary, I had available the 22nd letter of the ALEF-BET, English alphabet, Russian, and Greek alphabets. This year, we used English and Russian, but knew that the Greek alphabet has only 24 letters. Did a search for the 25th letter of the Greek alphabet. Surprise. There once was a 25th letter, and this is it. Called SAMPI, it is an archaic letter... used as an addition to the classical 24-letter alphabet in some eastern Ionic dialects of ancient Greek in the 6th and 5th centuries BC, to denote some type of a sibilant sound, probably [ss] or [ts], and was abandoned when the sound dis-appeared from Greek. ANYK.

The constellation Orion (the hunter), one of the most conspicuous and recognizable constellations in the (winter) night sky, contains two first magnitude stars (the 20 or so brightest in the sky) - Rigel (the foot, regel) of Orion and Betelgeuse (pronounced beetle juice), the right shoulder. The left shoulder - the one the arrow is pointing to in the pic - is Bellatrix, the B'ERECH **25**th brightest star in the night sky. Orion is noticeable because of his belt - a row of three stars of similar brightness and fairly close to each other.

AMRAM, father of Miriam, Aharon, and Moshe, represents the **25**th generation of the world. Adam, Sheit, Enosh, Keinan, M'halaleil, Yered, Chanoch, M'tushelach, Lemech, No'ach, Sheim, Arpachshad, Shelach, Eiver, Peleg, R'u, S'rug, Nachor, Terach, Avraham, Yitzchak, Yaakov, Levi, K'hat, Amram. Not a bad list to memorize.

$500 bill, last printed in 1945, officially discontinued in 1969, but still technically legal tender. Picture of William McKinley, the **25**th president of the United States.

Lower-left: Looks like the number 13 but is the Hebrew script of TZAV, the **25**th sedra of the Torah's 54.

Z'CHOR RACHAMECHA... is a pasuk from the 25th psalm.

77°F = **25**°C. Again, even if you didn't know that, that had to be the answer. Take the Fahrenheit temperature and subtract 32. 77-32=45. Divide the result by 9. 45/9=5. Multiply the result by 5. 5x5 = 25. Voilà. Start with Celcius temperature. For example, room temperature, 20°C. Multiply by nine. 20x9=180. Divide by five. 180/5 = 36. Add 32. 68°F.

That is the Old English or Gothic letter Y, the **25**th letter of the English alphabet.
The cartoon character is My Little Pony. And the British pound symbol. Pony is a slang term for **25** British pounds.

And the winners are:

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YYW and BvG-L

Winners of four CDs (each) are...

YG and ShGb

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Winners should be in touch with us - please call (02) 560-9125

Honorable mention to RM our phone-in solver, AG, TR, and ST for their respectable partials.