## Tile Turmoil

FOR HQ:
From each image, figure out which hands are in tenpai (one away from winning WITH A VALID HAND IN RIICHI MAHJONG RULES, which requires a YAKU), and figure out what the numerical value of those possible hand-winning tiles are. (1-9 are 1-9 and honor tiles are 10.) Add their values, then take that number and find the corresponding letter in the polybius square for that wind orientation.

This puzzle uses a polybius square with the key MAHJONG. This square rotates counter clockwise each time the dealer changes (every time unless there is an exhaustive draw and the current East hand is in tenpai). The letters will be ARORNUGEOGD.

Each image either does or does not contain a hand that can achieve a YAKUMAN (a special, higher valued hand). When separated by regular versus yakuman, the letters can be arranged into ORANGE and GOURD, revealing the answer PUMPKIN.

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                            We are incomplete
We require finishing
Please make us valid
-Expert puzzle writer and poet Sum
            Cleoxenus and
Democleitus cry in square
                Yakuman are cool
-Expert puzzle writer and poet Honorten
                            The key is the game
When the winds shift, so must your
    perspective on things
-Expert puzzle writer and poet Enjoy :)
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## A-12 on East chart

North in tenpai wins from 9 wheel or 3 char (12) (seat wind)
Hand: 99 wheel, 33 char, 789 bamboo, nnn wind, 123 wheel


## R-44 on north

## Draw

East in tenpai, winnable with 8 char, 9 char, or 6 char (23) (dragon triplet)
Hand: 222 wheel, 888 bamboo, www dragon, 777char, 8 char

West in tenpai, winnable with 5 whee or 6 whee (11) (tanyao)
Hand: 567567 bamboo, 345 char, 55 whee, 66 whee

South in tenpai winnable with E wind (10) (hidden thingy)


## O-11 on north

South in tenpai wins from ragon or 1 bam (11) (outside hand)
Hand: 123 char, 111 whee, 999 bam, rr dragon, 11 bam


## R - Yaku-24 on west

North in tenpai wins from gragon (10) (all green yakuman)
Hand: 234234 bam, 666 bam, 888bam, g dragon,
South in tenpai wins from 6 or 8 of whee (14) (full flush)
111 whee, 234 whee, 999 whee, 66 whee, 88 whee


N-14 on south
North in tenpai wins from 7 whee or 7 char (triple pon)
234 whee char bam, 77 whee, 77 char


## U- Yaku-45 on east

South in tenpai wins from ragon or 9 bam (19) (big three dragons yakuman or dragon triplet) rr agon, ggg ragon, www agon, 123 char, 99 bam
West in tenpai wins from w and s wind (20) (seat or round wind)
123456789 char, SS wind, ww wind
North in tenpai wins from 6 of bam (6)
57 bam, 456 char, 456 whee, 789 char, 99 whee


## G-Yaku - 42 on north

West tenpai wins from e wind or n wind (20) (all honors yakuman)
Hand: www agon, ggg ragon, www wind, ee wind, nn wind
North tenpai wins from ragon or swind (20) (dragon trip or round wind)
Hand: rr agon, ss wind, 123123 char, 456 whee
South tenpai wins from 2 char (2) (tanyao)
Hand: 2 char, 234 whee, 333 bam, 678 char, 555 bam


## E - 35 on west

(DRAW)
West can win with 3456 or 7 char (25) (round wind)
Hand: 333 bam, 444 bam, 555 bam, 6 bam, sss wind
East can win with 4 char or 6 whee (10) (tanyao)
Hand: 234 char, 44 char, 333 whee, 66 whee, 888 bam


## O-yaku 51 wesu

North can with with gragon (10) (7 pairs)
Hand: 22 bam, 99 whee, ww wind, 11 whee, 99 whee, nn wind, gragon
South can win with 6,8 , or 9 whee (23) (4 concealed pon yakuman)
Hand: 111 bam, 999 bam, 777 whee, 8 whee, sss wind
WEST can win with 9 wheel or 9 char
Hand: 234 char 678 whee, wagon trip, RR agon, 88 bam


G-24
(DRAW)
West can win with 2, 3, 4, or 5 bam(14) (tanyao)
Hand: 2223334 bam, 234 char, 234 whee
East can win with s wind (10) (round wind)
Hand: ss wind, 111 bam, nnn wind, 234 bam, 33 whee


## D - Yaku 54

East: can win with nine char (9) (13 orphans)
Hand: 1,9 whe 1,9 bam 1 char $\mathrm{n} \mathrm{se} \mathrm{w}, \mathrm{w}$ wind ragon wagon gragon
West: can win with all numbers (45) (nine gates)
Hand: 1112345678999 whee


|  | N |  |
| :--- | :--- | :--- |
| $\mathbf{E}$ |  | W |
|  | S |  |

East

| $/ / / / / C: 10 ' s$ <br> $R: 1$ 's | 1 | 2 | 3 | 4 | 5 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 1 | $M$ | $A$ | $H$ | $I, J$ | $O$ |
| 2 | $N$ | $G$ | $B$ | $C$ | $D$ |
| 3 | $E$ | $F$ | $K$ | $L$ | $P$ |
| 4 | $Q$ | $R$ | $S$ | $T$ | $U$ |
| 5 | $V$ | $W$ | $X$ | $Y$ | $Z$ |


|  | W |  |
| :--- | :--- | :--- |
| N |  | S |
|  | E |  |

North

| $/ / / / / C: 10 ' s$ <br> $R: 1 ' s$ | 1 | 2 | 3 | 4 | 5 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 1 | $O$ | $D$ | $P$ | $U$ | $Z$ |
| 2 | $I / J$ | $C$ | $L$ | $T$ | $Y$ |
| 3 | $H$ | $B$ | $K$ | $S$ | $X$ |
| 4 | $A$ | $G$ | $F$ | $R$ | $W$ |
| 5 | $M$ | $N$ | $E$ | $Q$ | $V$ |


|  | S |  |
| :--- | :--- | :--- |
| $W$ |  | E |
|  | $N$ |  |

West

| $/ / / / / C: 10 ' s$ <br> $R: l ' s$ | $I$ | 2 | 3 | 4 | 5 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 1 | $Z$ | $Y$ | $X$ | $W$ | $V$ |
| 2 | $U$ | $T$ | $S$ | $R$ | $Q$ |
| 3 | $P$ | $L$ | $K$ | $F$ | $E$ |
| 4 | $D$ | $C$ | $B$ | $G$ | $N$ |
| 5 | $O$ | $I / J$ | $H$ | $A$ | $M$ |


|  | E |  |
| :--- | :--- | :--- |
| S |  | N |
|  | W |  |

South

| $/ / / / / C: 10 ' s$ <br> $R: 1 ' s$ | $I$ | 2 | 3 | 4 | 5 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 1 | $V$ | $Q$ | $E$ | $N$ | $M$ |
| 2 | $W$ | $R$ | $F$ | $G$ | $A$ |
| 3 | $X$ | $S$ | $K$ | $B$ | $H$ |
| 4 | $Y$ | $T$ | $L$ | $C$ | $I / J$ |
| 5 | $Z$ | $U$ | $D$ | $O$ |  |

