

Cross Out Singles

You need: a partner or small group
one die or a 0-9 spinner

This is a game for two or more players. Follow these rules:

1. Each player makes a recording sheet, as shown, for a game of three rounds.
2. To begin the game, one player rolls the die or spins the spinner.
3. All players write the number in a square on their first chart. Once a number is recorded, it cannot be changed.
4. Another player now rolls or spins to generate a number for everyone to record in another square. Take turns rolling or spinning until players have filled all nine squares on their charts.
5. Players then find the sums of the rows, columns, and diagonal, and record them in the respective circles.
6. Players examine their sums. Any sum that appears in only one circle must be crossed out.
7. The total of the sums that are *not* crossed out is the player's score for that round. For example:

| | | | |
|------|-----------------|------|-----------------|
| 3 | 4 | 2 | (9) |
| 2 | 3 | 4 | (9) |
| 6 | 3 | 5 | (14) |
| (11) | (10) | (11) | (11) |

SCORE: 51

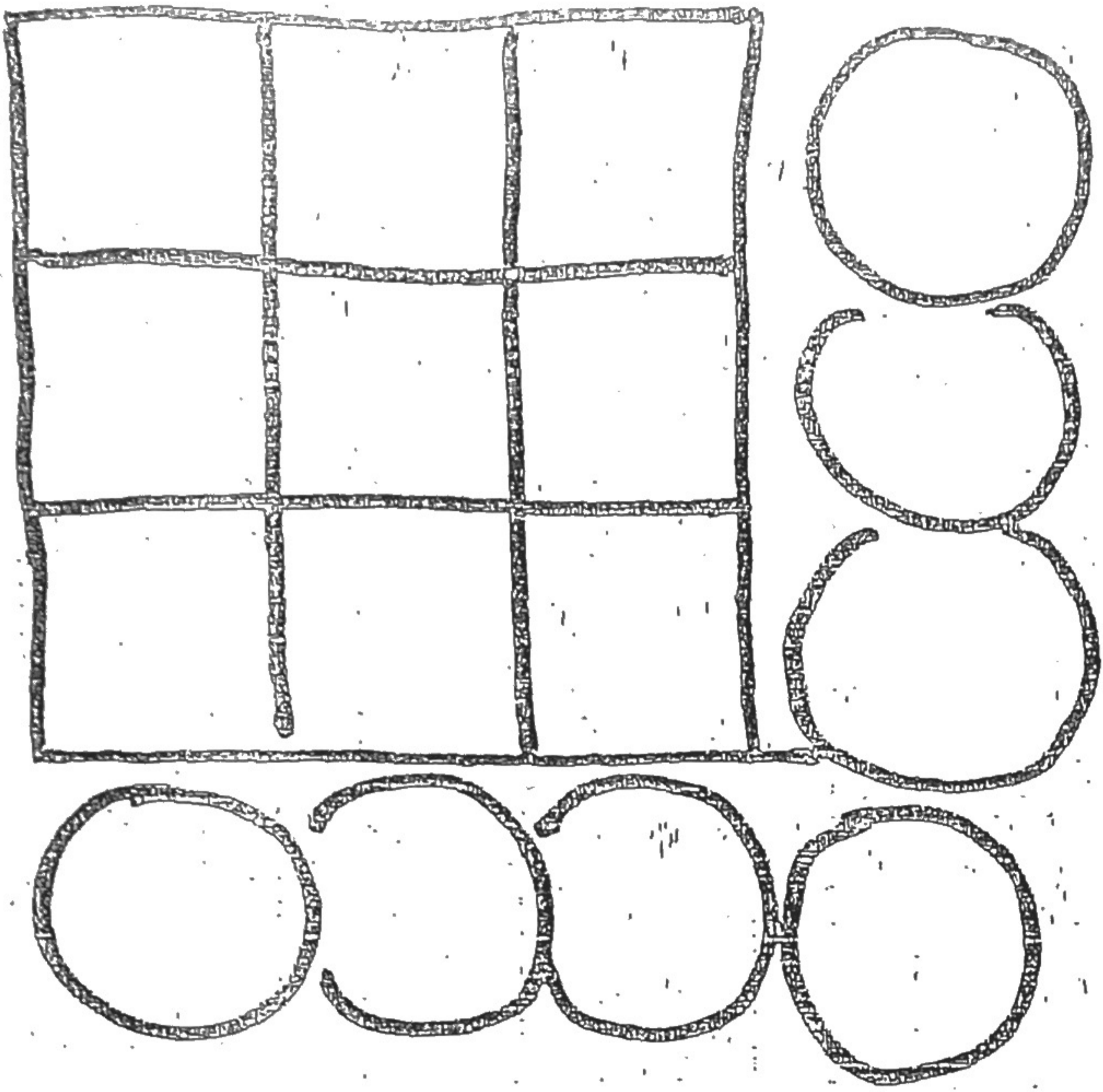
| | | | |
|-------|---|---|---------|
| | | | ○ |
| | | | ○ |
| | | | ○ |
| ○ | ○ | ○ | ○ |
| | | | ○ |
| | | | ○ |
| | | | ○ |
| ○ | ○ | ○ | ○ |
| | | | 1 _____ |
| | | | 2 _____ |
| | | | 3 _____ |
| TOTAL | | | _____ |

8. Play two more rounds. Then compare totals.

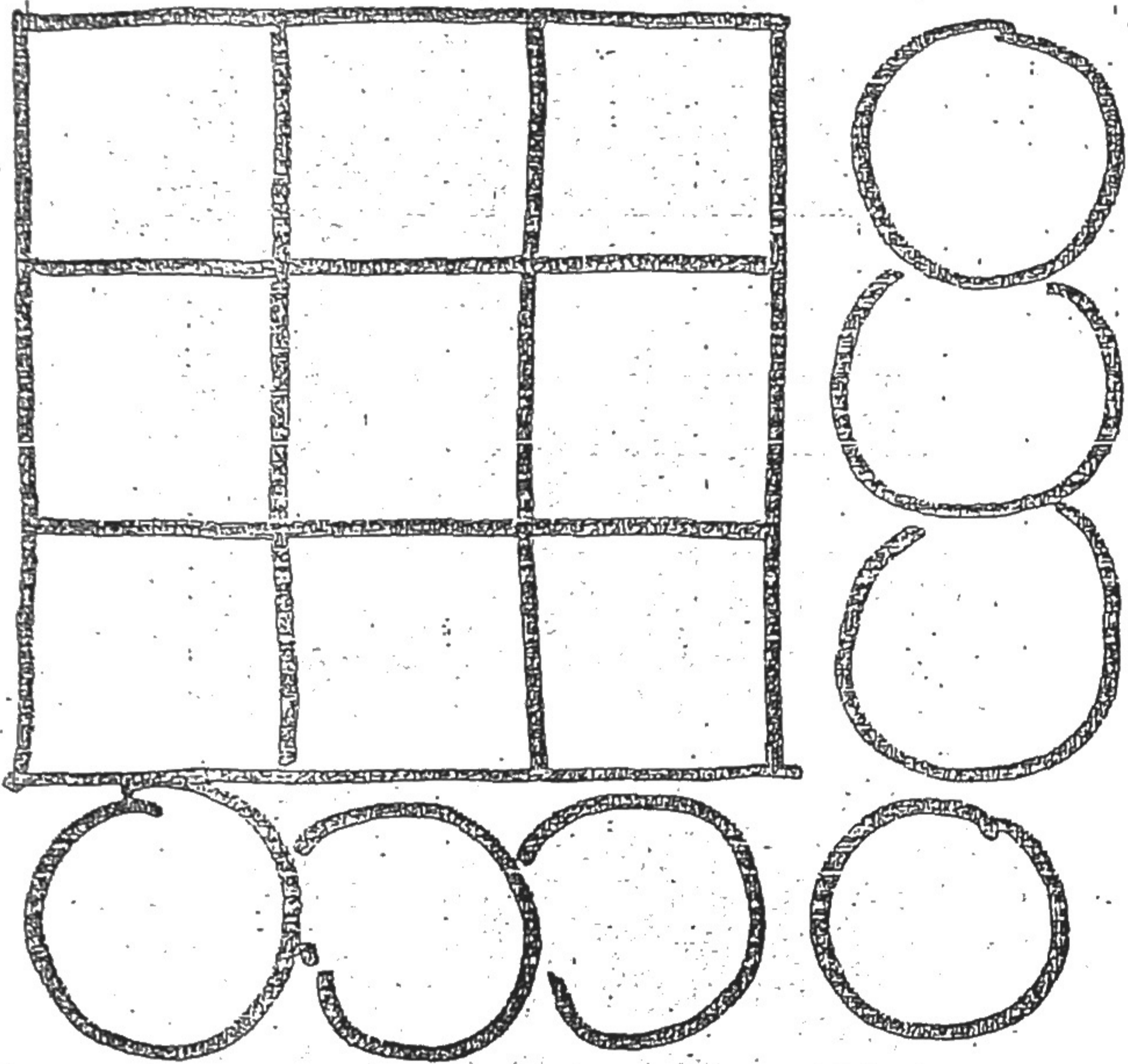
Extensions:

1. Find ways that produce a zero score.
2. Using the numbers 1 to 9 once each, what is the highest score you can get?
3. Discuss strategies for how to place numbers.

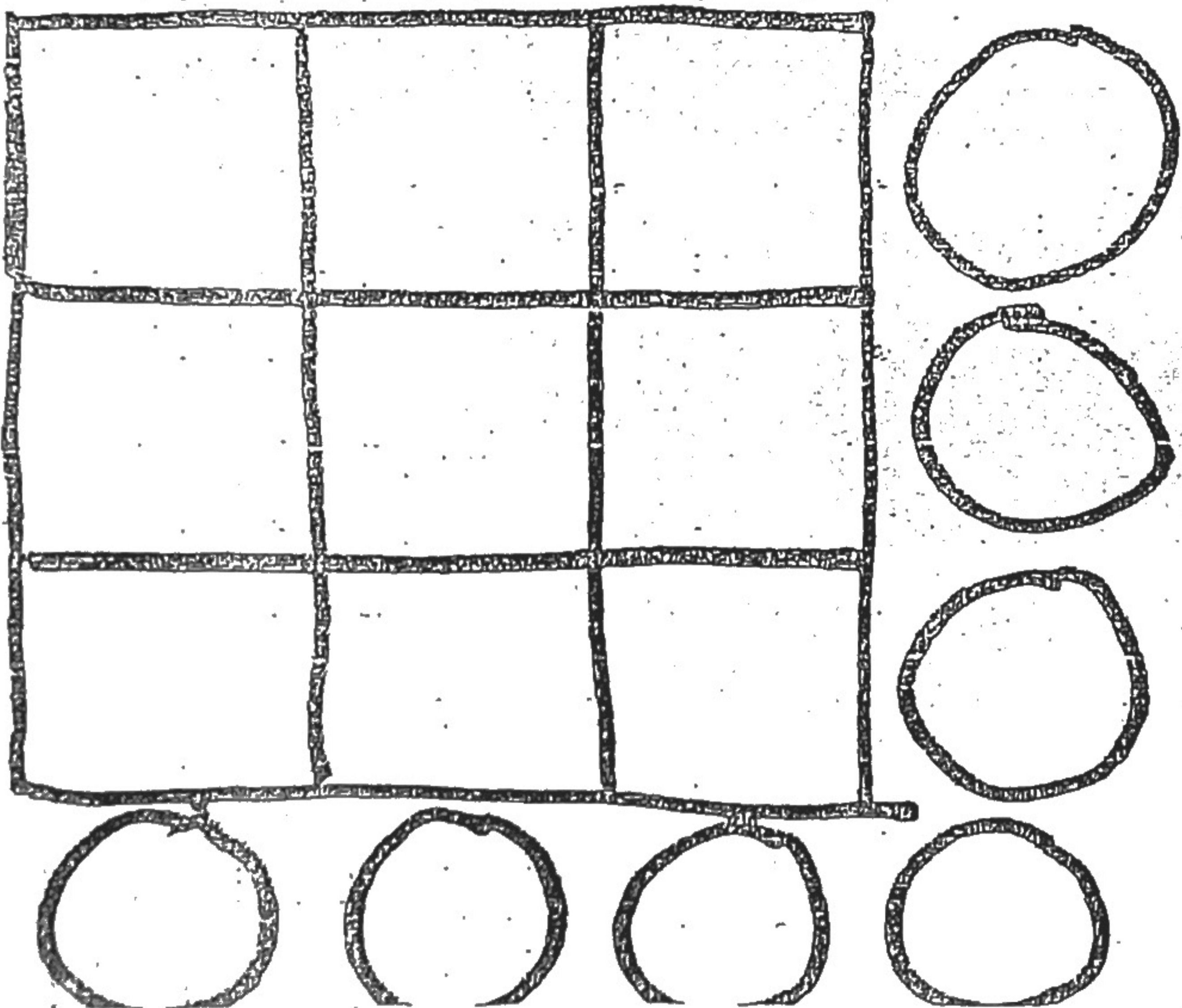
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Total _____



Total _____



Total _____

Game Total _____