

Math Ringers

(Updated May 28, 2019)

Math Ringers is a mathematical game played on a circular board. Two to four players take turns making equations.



COMPONENTS: Lasercut board with built-in scoring dials, 117 number cards, 20 operator tiles.

GOAL: Accumulate the highest score after playing 10 rounds.

SETUP:

- Shuffle the number cards
- Give each player five cards
- Stack 20 cards face down as the draw pile
- Stack the remaining cards fairly equally on all 19 spaces on the board
- Randomly position and stack 20 operator tiles.

GAME PLAY:

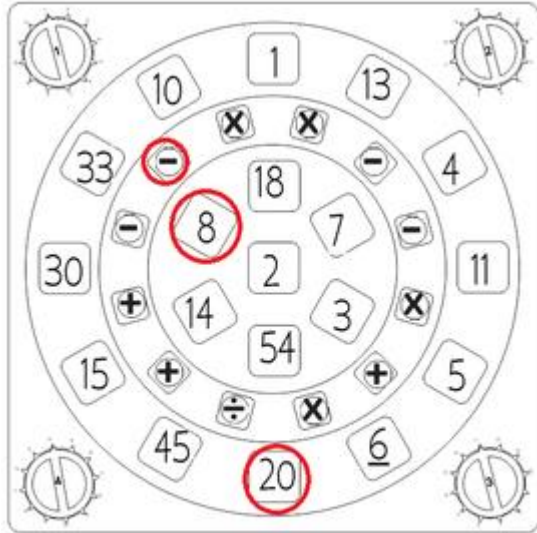
On each turn, a player has 30 seconds to make a mathematical equation using:

- Any inner number
- Any outer number
- One operator
- A number in their hand

The answer to the equation can only be either the number from the inner ring or the number in the player's hand. The player then calls out the equation for verification by the other players.

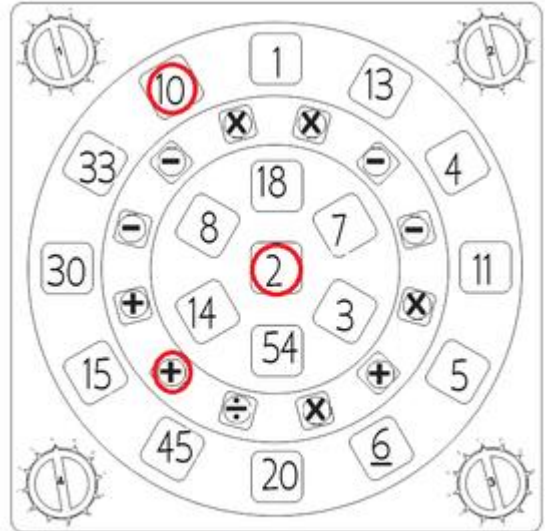
Examples follow ...

$$28 - 20 = 8$$



2 9 12 **28** 32

$$10 + 2 = 12$$



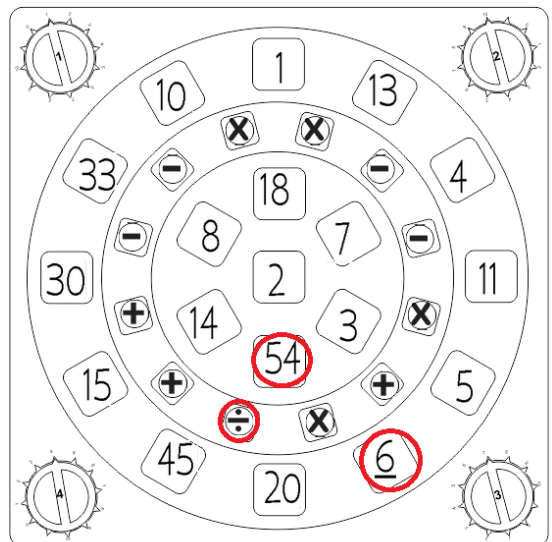
2 9 **12** 28 32

$$7 \times 4 = 28$$



2 9 12 **28** 32

$$54 \div 6 = 9$$



2 **9** 12 28 32

Once the equation has been accepted by the other players, all three cards and the operator are removed by the player. The highest number is placed face down in

front of the player and the other two cards are discarded. Discarded cards eventually will become the draw pile.

Draw a new card to always maintain five cards in your hand.

ENDING A ROUND:

Keep playing until no more equations can be formed by any player.

Each player counts up the numbers on their captured cards. The winner of the round has the most points. That player rotates their score indicator one place.

If there is a tie, the person with the highest number(s) in their hand is the winner.

Return the operators back to the board and start a new round.

ENDING THE GAME:

Keep playing rounds until one player reaches 10 points.

STRATEGY:

Try to form an equation with the highest available number.