To play the game, you'll need a set of cards.

How to play

Shuffle the cards, and place them face down on the table.

Turn over two cards so that all the players can see them.

The object of the game is to find a number that satisfies the statements on both cards.

For example, if the cards said "A multiple of 6" and "A factor of 90" you could pick the number 30.

After ten seconds, everyone declares a number that satisfies both cards, and then the next round begins by turning over the next two cards.

Scoring

There are a few different scoring options for the game:

- Score a point if you find a number that satisfies both cards
- Score a point if you think of the highest number that satisfies both cards
- List as many numbers as you can that satisfy both cards, and then score a point for each one.
- List as many numbers as you can, and then score a point for each number on your list that doesn't appear on anybody else's list.

Impossible pairs!

Sometimes there might not be any numbers that satisfy both statements! If this happens, you can replace one of the cards with a new one.

A Final Challenge

Once you have played the game a few times, here are some questions to explore:

How many impossible pairs can you find?
Can you find a number that satisfies 3 cards? Or 4 cards? Or...?