

What's Under There?

The goal of this game is to determine missing number in multiplication/division fact family.

Two players

Materials

- Small paper plates
- marker/pencil
 - On each small plate create fact family (see illustration below).
 - You can create some super easy and mix in those facts that are a bit of a challenge.

How to Play

Place paper plate fact family cards face down. Player 1 picks up a paper plate card and holds it up for Player 2 while covering a number with thumb or finger. Player 2 has to use knowledge of basic fact equations to determine what number is hidden. Player 2 not only tells the number, but also shares why she thinks so. If she is correct and has shared her thinking, she gets to keep the paper plate card. IF incorrect, the paper plate card goes to the bottom of the pile.

Reverse rolls. Important to ask about how you know.

Example

Player 1 picks up a small paper plate card with the numbers 3, 2, and 6 written around the perimeter. She places her finger over the 2. Player 1 shows Player 2 the paper plate card with the 2 hidden. Player 2 explains that she is thinking about what could $3 \times \underline{\quad} = 6$. She knows $3 \times 1 = 3$, and another 3 would be six. She answers 2 as the hidden number because she knows that $3 \times 2 = 6$. Player 2 keeps the card for getting the answer correct and explaining her thinking.

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Super Duper opportunity to talk about thinking!

- I see you have ____ times ____ and you are not sure what the answer is. What can you do to help yourself?
- Have you figured out what you need to know and what you need to practice?
- What known facts did you often use to determine the missing factor?

Variation:

- Same game can be played with addition/subtraction fact families.
- Cut out circles if you don't have small paper plates.