Multiplication Puzzle

Purpose:
You can help your child to recall the multiplication basic facts.

What you need:
Multiplication puzzle board. You can print this or make your own.

What to do:
Cut out the puzzle and give the pieces to your child.
Ask your child to arrange the pieces back into the 3 by 3 grid so that sides of the touching pieces match.
For example, 5 x 5 needs to match 25.
Two hints you may wish to give your child:
- When the puzzle is complete none of the pieces will be orientated so the numbers are upside down.
- The piece with 2 blank sides belongs in the top left corner of the puzzle.

What to expect your child to do:
To use their multiplication basic facts to solve the puzzle.

Variation:
Make your own puzzle. Puzzles where every fact has a different answer are easier to solve.

He Kupu Māori:

porotēteke	upside down
pangahono	jigsaw puzzle
hono (a)	join
whakarea (tia)	multiply
whakareatanga	multiplication
otinga	result/answer

He Whakawhitinga Kōrero:

- He rite tēnei ki te pangahono. *(This is like a jigsaw puzzle.)*
- E iwa ngā kāri hei honohono māu. *(There are nine cards for you to put together.)*
- Honoa ngā kāri kia hāngai tonu ia whakareatanga ki te otinga e tika ana. *(Put the cards together so that each multiplication aligns with its answer.)*
- Hei tauira, me hāngai tonu te whakareatanga o te ono ki te waru (6 x 8) ki te whā tekau mā waru (48). *(For example, the multiplication 6 x 8 should align with 48.)*
- Whakareatia te ono ki te waru (6 x 8), ka hia tēnā? *(Multiply 6 by 8. How many is that?)*
- Ko te kāri e wātea ana ētahi taha e rua, koia te kāri tīmatanga – me whakatakoto ki te kokonga runga mauī. *(The card with two blank sides is the starting card – it should go in the upper left hand corner.)*
- Kāore he tuhinga porotēteke i ngā kāri. *(None of the writing will appear upside down.)*

Multiplication Puzzle

(top: blank) left: — · right: 6 x 6 bottom: 6 x 8	top: 64 left: 36 · right: 8 x 3 bottom: 5 x 4	top: 25 left: 24 · right: 5 x 10 bottom: 8 x 9
top: 48 left: 21 · right: 2 x 3 bottom: 4 x 8	top: 20 left: 6 · right: 9 x 5 bottom: 5 x 7	top: 72 left: 45 · right: 8 x 4 bottom: 6 x 7
top: 32 left: 54 · right: 8 x 7 bottom: 5 x 5	top: 35 left: 56 · right: 7 x 7 bottom: 6 x 2	top: 42 left: 49 · right: 6 x 3 bottom: 7 x 3