



Match multiplication and division facts

Why do this?

You can help your child to practise the basic multiplication and division facts.

What you need:

- Game cards. You can print these or make your own.
- Cardboard.

What to do:

Glue the cards on to cardboard.

Cut the game cards, shuffle them and deal six cards to each player. The remaining cards are placed in a pile face down between the players.

The aim is to make matching pairs of cards. For example, $6 \times 7 = 42$ and $42 \div 6 = 7$ make a pair.

Players take turns to ask each other for a card.

- For example, Player 1 asks, "Do you have the pair for $3 \times 8 = 24$?" If Player 2 has the card she or he gives it to Player 1. If not, Player 2 says, "Go Fish" and Player 1 can take a card from the pile.

The winner is the first player to put all their cards into pairs on the table.

What to expect your child to do:

To correctly match the multiplication and division facts.

Variation:

- Extend the range of facts by making more multiplication and division pairs.
- Use your home language to play this game.

He Kupu Māori:

kāri whakawehenga	division card
kāri whakareatanga	multiplication card
riwhiriwhi (~a)	shuffle
whakawehe (~a)	divide
whakawehenga	division
otinga	answer, result
whakarea (~tia)	multiply
whakareatanga	multiplication
takirua kāri	pair of cards
putunga kāri	pile of cards

He Whakawhitinga Kōrero:

- Riwhiriwhia ngā kāri. Tohaina kia ono ki ia kaitākaro. (*Shuffle the cards. Deal 6 cards to each player.*)
- Whakaputua ngā toenga kāri, ko ngā mata ki raro. (*Pile the remaining cards face down.*)
- Mēnā kei a koe tētahi whakareatanga me te whakawehenga e hāngai ana, me whakatakoto ēnā ki mua i a koe hei takirua kāri. (*If you have a multiplication and its matching division, put them down in front of you as a pair.*)
- Kei a koe i te tuatahi. Me pātai atu ki tētahi mēnā kei a ia tētahi kāri e hiahia ana koe hei hanga takirua kāri. (*Your turn first. Ask someone else if they have got a card you want so you can make a pair.*)
- Kei a koe te whakawehenga e hāngai ana ki te 'toru whakareatia ki te waru, ka rua tekau mā whā'? (*Do you have the division which matches 3 times 8 equals 24?*)
- Kei a koe te whakareatanga e hāngai ana ki te 'whā tekau mā rua whakawehea ki te ono, ka whitu'? (*Do you have the multiplication which matches 42 divided by 6 equals 7?*)
- Āe. Anei. (*Yes. Here it is.*)
- Kāore i ahau tēnā kāri. Tangohia tētahi i te putunga kāri. (*I don't have that card. Take one from the pile.*)
- Koia kei a koe! Kua oti katoa ō kāri te whakatakoto hei takirua. Ko koe te toa. (*Good one. You've put all of your cards down as pairs. You're the winner.*)

Match multiplication and division facts

$6 \times 7 = 42$	$42 \div 6 = 7$	$3 \times 8 = 24$
$24 \div 3 = 8$	$9 \times 8 = 72$	$72 \div 9 = 8$
$9 \times 5 = 45$	$45 \div 9 = 5$	$7 \times 8 = 56$
$56 \div 7 = 8$	$6 \times 6 = 36$	$36 \div 6 = 6$
$6 \times 4 = 24$	$24 \div 6 = 4$	$5 \times 8 = 40$
$40 \div 5 = 8$	$5 \times 5 = 25$	$25 \div 5 = 5$
$7 \times 3 = 21$	$21 \div 7 = 3$	$8 \times 8 = 64$
$64 \div 8 = 8$	$5 \times 4 = 20$	$20 \div 5 = 4$
$4 \times 7 = 28$	$28 \div 4 = 7$	$5 \times 6 = 30$
$30 \div 5 = 6$	$3 \times 9 = 27$	$27 \div 3 = 9$