

Match multiplication and division facts

Purpose:

The purpose of this activity is to help your child to practice the basic multiplication and division facts.

Link to the Number Framework:

Number Facts, Stage 7

What you need:

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

Cardboard. (Old cereal boxes are good).

What to do:

Glue the cards on to cardboard. Cut the game cards, shuffle them and deal 6 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 $42 \div 6 = 7$ are a pair. Players take turns to ask each other for a card, for example, "do you have the pair for $3 \times 8 = 24$ ". If the player has the card they give it to the person, if not they say "Go Fish" and the person takes 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 writing your own multiplication and division pairs.

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:

- Riwiriwhia 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

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