

## Doubles and Halves Memory

### Purpose:

You can help your child to learn doubles of numbers and their corresponding halves. For example,  $10 + 10 = 20$ , and  $\frac{1}{2}$  of 20 is 10,  $8 + 8 = 16$  and  $\frac{1}{2}$  of 16 is 8.

### What you need:

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

### What to do:

Use the doubles and halves cards to play memory. The aim of the game is to find as many matching pairs as possible by remembering where the cards are.

Spread out all the cards face down.

Turn over 2 cards. If the cards match, for example “ $\frac{1}{2}$  of 4” and “2” players get to keep the pair. If

the cards don't match, players replace them face down.

Take turns to try and find a matching pair.

The winner is the player with the most pairs at the end of the game.

Have many pairs can you get?

### What to expect your child to do:

Be able to instantly recall doubles and their corresponding halves.

### He Kupu Māori

half	haurua
double	rearua
matching pairs	takirua taurite

### He Whakawhitinga Kōrero:

- Horahia ngā kāri, ko ngā mata ki raro. (*Spread out the cards, face down.*)
- Huripokia ētahi kāri e rua. Mēnā e taurite ana ngā kāri e rua, ka riro i a koe aua kāri. Ki te kore e taurite ngā kāri, horipokia anō ko ngā mata ki raro. Hei taurua o te takirua taurite: ‘ $\frac{1}{2}$  o te 4’ me te ‘2’. (*Turn over two cards. If they are matching you get to keep those cards. If they don't match, turn them face down again. As an example of a matching pair: ‘ $\frac{1}{2}$  of 4’ and ‘2’.*)
- Your turn first. (*Kei a koe i te tuatahi.*)
- My turn now. (*Kei a au ināianei.*)
- Kei a wai ngā takirua taurite maha rawa atu? Ko koe te toa! (*Whose got the most matching pairs? You win!*)

1	$\frac{1}{2}$ of 2
2	$\frac{1}{2}$ of 4
3	$\frac{1}{2}$ of 6
4	$\frac{1}{2}$ of 8
5	$\frac{1}{2}$ of 10
6	$\frac{1}{2}$ of 12
7	$\frac{1}{2}$ of 14
8	$\frac{1}{2}$ of 16
9	$\frac{1}{2}$ of 18
10	$\frac{1}{2}$ of 20

1	$\frac{1}{2}$ o te 2
2	$\frac{1}{2}$ o te 4
3	$\frac{1}{2}$ o te 6
4	$\frac{1}{2}$ o te 8
5	$\frac{1}{2}$ o te 10
6	$\frac{1}{2}$ o te 12
7	$\frac{1}{2}$ o te 14
8	$\frac{1}{2}$ o te 16
9	$\frac{1}{2}$ o te 18
10	$\frac{1}{2}$ o te 20