

Fraction, Decimals, Percentages Dominoes

Purpose:

The purpose of this activity is to help your child to recall the fraction, decimal and percentage conversions.

Link to the Number Framework:

Number Facts, Stage 7-8

What you need:

Set of Domino Cards. You can print these or make your own.

What to do:

Cut along the solid lines to cut out the domino cards.

Deal 3 domino cards to each player. Place one domino face up between the two players and the remaining cards face down. Players take turns to match of their domino cards to the card in the middle. For example:

50%	3/4	0.75	40%
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The 3/4 and 0.75 are equivalent. The next player can now match to either the 50% or the 40%. If a player is unable to add a domino to the line they pick up from the face down pile.

The winner is the first player to use all their domino cards.

What to expect your child to do:

To recall the fraction, decimal and percentage conversions.

Variation:

Children can take all the cards and arrange them so the ends match to form one continuous line.

Related Māori vocab:

kāri tātai tau	domino card
tauhono takirua	number pair
ōrau	percent
hautau	fraction (common)
tau ā-ira	decimal
hautanga	fraction (including decimal fractions and percents)

Domino Cards

50%	$\frac{3}{4}$	0.75	40%	$\frac{2}{5}$	10%	0.1	$\frac{1}{4}$
25%	0.3	$\frac{3}{10}$	0.9	90%	$\frac{1}{3}$	33.3%	$\frac{3}{5}$
0.6	$\frac{7}{10}$	0.7	$\frac{1}{1}$	100%	$\frac{1}{8}$	12.5%	$\frac{1}{5}$
20%	$\frac{2}{3}$	66.6%	$\frac{4}{5}$	0.8	1.1	110%	$\frac{2}{4}$