Hautanga ā-Ira (Hautekau)
HAUTAU Ā-IRA TAPEKE MĀMĀ

4
5
6
7
8

E ako ana ahau i ngā tikanga mō ngā hautau ā-ira tapeke māmā.

Hei Mahi 1

Ngā tohutohu:
Ko te 1 te tapeke o ētahi o ngā tāpiritanga e whai ake nei. Tuhia ngā tau e hāngai ana ki aua tāpiritanga.

1)   0.3 + 0.7   (2)   0.6 + 0.5   (3)   0.2 + 0.8

4)   0.3 + 0.6   (5)   0.9 + 0.1   (6)   0.4 + 0.3

7)   0.4 + 0.6   (8)   0.4 + 0.7   (9)   0.5 + 0.5

10)   0.3 + 0.4 + 0.3   (11)   0.4 + 0.1 + 0.5   (12)   0.3 + 0.4 + 0.4

Hei Mahi 2

Ngā tohutohu:
He nui ake i te 1 te tapeke o ētahi o ngā tāpiritanga e whai ake nei, ko ētahi he ōrite ki te 1, ko ētahi he iti iho i te 1. Tuhia te tāpiritanga, ka whakauru ai i te tohu e tika ana, arā, te >, te =, te < rānei.

1)   0.4 + 0.6   1   (2)   0.5 + 0.5   1   (3)   0.8 + 0.2   1

4)   0.3 + 0.8   1   (5)   0.9 + 0.1   1   (6)   0.9 + 0.3   1

7)   0.7 + 0.3   1   (8)   0.6 + 0.7   1   (9)   0.1 + 0.8   1

10)   0.2 + 0.5 + 0.1   1

Hei Mahi 3

Hei whiriwhiri i te otinga o te 0.4 + 0.5 + 0.3 + 0.6, ka tirotiro a Haki mēnā ko te 1 te tapeke o ētahi o ngā hautau ā-ira. He tere tana kite atu i te 0.4 + 0.6 = 1, ā, ko te tapeke o ngā hautau ā-ira e toe ana, ko te 0.8 (0.5 + 0.3). Hui katoa ko te 1.8 te otinga o te tāpiritanga nei. E pēnei ana tana tuhituhi i te whārite:

0.4 + 0.5 + 0.3 + 0.6 = 1 + 0.8 = 1.8

Mō te tāpiritanga 0.2 + 0.3 + 0.7 = □
Koia nei tana tuhituhi i te whārite:
1 + 0.2 = 1.2

Ngā tohutohu:
1) Whakamahia te rautaki 'tapeke māmā'.
2) Whakaotia ngā tāpiritanga i roto i tō hinengaro i te tuatahi.
3) Tuhia te rapanga hei tirotiro mēnā i tika ngā whiriwhiringa i rō hinengaro. Tuhia kia rite ki ngā tauira o runga ake nei.

1)	0.3 + 0.5 + 0.7	(2)	0.6 + 0.5 + 0.5	(3)	0.2 + 0.8 + 0.9
4)	0.7 + 0.3 + 0.3 + 0.6	(5)	0.9 + 0.6 + 0.2 + 0.1	(6)	0.4 + 0.3 + 0.6 + 0.2
7)	0.4 + 0.5 + 0.6 + 0.5	(8)	0.3 + 0.9 + 0.1 + 0.7	(9)	0.4 + 0.6 + 0.8 + 0.2
10)	0.3 + 0.4 + 0.3	(11)	0.4 + 0.1 + 0.5 + 0.2	(12)	0.2 + 0.9 + 0.4 + 0.4

Hei Mahi 4

Hei whiriwhiri i te otinga o te 4.4 + 0.5 + 2.3 + 0.6, ka tirotiro a Haki mēnā ko tētahi tauoti te tapeke o ētahi o ngā hautau ā-ira. He tere tana kite atu i te 4.4 + 0.6 = 5, ā, ko te tapeke o ngā hautau ā-ira e toe ana, ko te 2.8 (0.5 + 2.3). Hui katoa ko te 7.8 te otinga o te tāpiritanga nei. E pēnei ana tana tuhituhi i te whārite:

4.4 + 0.5 + 2.3 + 0.6 = 5 + 2.8 = 7.8

Ngā tohutohu:
1) Whakamahia te rautaki 'tapeke māmā'.
2) Whakaotia ngā tāpiritanga i roto i tō hinengaro i te tuatahi.
3) Tuhia te rapanga hei tirotiro mēnā i tika ngā whiriwhiringa i rō hinengaro. Tuhia kia rite ki te tauira o runga ake nei.

1)	1.6 + 1.5 + 0.5	(2)	0.3 + 0.5 + 3.7	(3)	0.2 + 0.8 + 4.9
4)	2.7 + 0.3 + 1.4	(5)	5.8 + 0.6 + 0.4	(6)	0.6 + 1.4 + 6.2

7) 0.3 + 1.8 + 2.7 + 0.1   (8) 1.4 + 1.3 + 0.6 + 0.2   (9) 0.7 + 3.3 + 0.3 + 0.6

10) 1.9 + 0.6 + 2.2 + 0.1   (11) 2.3 + 1.9 + 0.1 + 0.7   (12) 4.2 + 1.7 + 0.8

13) 3.4 + 2.5 + 0.6 + 0.5   (14) 3.4 + 0.6 + 0.8 + 1.2   (15) 5.3 + 0.4 + 0.7 + 0.6

16) 2.3 + 3.1 + 0.9 + 0.7   (17) 0.2 + 0.3 + 1.5 + 3.4   (18) 0.2 + 5.9 + 3.4 + 0.4

19) 0.3 + 2.4 + 0.3   (20) 0.4 + 2.1 + 0.5 + 1.2 + 2.3 + 0.8

Hei Mahi 5

Hei whiriwhiri i te otinga o te 4.4 + 1.5 + 2.3 + 1.6, ka tirotiro a Haki mēnā ko tētahi tauoti te tapeke o ētahi o ngā hautau ā-ira. He tere tana kite atu i te 4.4 + 1.6 = 6, ā, ko te tapeke o ngā hautau ā-ira e toe ana, ko te 3.8 (1.5 + 2.3). Hui katoa ko te 9.8 te otinga o te tāpiritanga nei. E pēnei ana tana tuhituhi i te whārite:

4.4 + 1.5 + 2.3 + 1.6 = 6 + 3.8 = 9.8

Ngā tohutohu:
1) Whakamahia te rautaki 'tapeke māmā'.
2) Whakaotia ngā tāpiritanga i roto i tō hinengaro i te tuatahi.
3) Tuhia te rapanga hei tirotiro mēnā i tika ngā whiriwhiringa i rō hinengaro. Tuhia kia rite ki te tauira o runga ake nei.

1) 2.2 + 1.8 + 3.9   (2) 2.3 + 0.5 + 3.7   (3) 1.6 + 1.5 + 2.5

4) 2.8 + 3.6 + 3.4   (5) 2.7 + 3.3 + 1.4   (6) 3.6 + 1.4 + 1.2

7) 3.3 + 1.8 + 4.7 + 6.1   (8) 2.3 + 1.9 + 4.1 + 1.7   (9) 3.7 + 3.3 + 0.3 + 1.6

10) 3.4 + 1.3 + 1.6 + 0.2   (11) 5.2 + 1.7 + 2.8   (12) 3.9 + 3.6 + 3.2 + 3.1

13) 1.4 + 1.6 + 3.8 + 2.2   (14) 3.4 + 0.5 + 1.6 + 2.5   (15) 1.2 + 5.9 + 3.4 + 3.4

Hei Mahi 6

Hei whiriwhiri i te otinga o te 0.4 + 0.5 + 0.3 - 0.8, ka tirotiro a Haki i ngā tāpiritanga māmā, i ngā tangohanga māmā rānei hei whakaoti māna i te tuatahi. He tere tana kite atu i te 0.5 + 0.3 = 0.8, ā, ko te tango i te 0.8, ko te kore tēnā (0). Hui katoa ko te 0.4 te otinga. E pēnei ana tana tuhituhi i te whārite:

0.4 + 0.~~5~~ + 0.~~3~~ - 0.~~8~~ = 0.4

Ngā tohutohu:
1) Whakamahia te rautaki 'tapeke māmā'.
2) Whakaotia ngā tāpiritanga i roto i tō hinengaro i te tuatahi.
3) Tuhia te rapanga hei tirotiro mēnā i tika ngā whiriwhiringa i rō hinengaro. Tuhia kia rite ki te tauira o runga ake nei.

1) 0.3 + 0.5 - 0.7 + 0.2	(2) 0.6 - 0.8 + 0.5 + 0.2	(3) 0.2 + 0.8 - 0.9 - 0.1
4) 0.7 - 0.3 - 0.3 + 0.6	(5) 0.9 - 0.6 - 0.2 - 0.1	(6) 0.4 + 0.3 - 0.6 + 0.2
7) 0.4 - 0.3 - 0.6 + 0.5 + 0.4	(8) 0.3 + 0.9 - 0.2 - 0.7	(9) 0.4 - 0.6 + 0.8 - 0.2
10) 0.3 + 0.4 - 0.7	(11) 0.3 - 0.5 + 0.2 + 0.6	(12) 0.6 - 0.9 + 0.3 + 0.4

Hautanga ā-Ira (Hautekau)
HAUTAU Ā-IRA TAPEKE MĀMĀ
NGĀ OTINGA

Hei Mahi 1
Ko te 1 te tapeke o ngā pātai 1,3,5,7,9,10,11

1)	1	(2)	1.1	(3)	1
4)	0.9	(5)	1	(6)	0.7
7)	1	(8)	1.1	(9)	1
10)	1	(11)	1	(12)	1.1

Hei Mahi 2

1)	=	(2)	=	(3)	=
4)	>	(5)	=	(6)	>
7)	=	(8)	>	(9)	<
10)	<				

Hei Mahi 3

1)	1 + 0.5 = 1.5	(2)	1 + 0.6 = 1.6	(3)	1 + 0.9 = 1.9
4)	1 + 0.9 = 1.9	(5)	1 + 0.8 = 1.8	(6)	1 + 0.5 = 1.5
7)	1 + 1 = 2	(8)	1 + 1 = 2	(9)	1 + 1 = 2
10)	1	(11)	1 + 0.2 = 1.2	(12)	1 + 0.9 = 1.9

Hei Mahi 4

1)	2 + 1.6 = 3.6	(2)	4 + 0.5 = 4.5	(3)	1 + 4.9 = 5.9
4)	3 + 1.4 = 4.4	(5)	1 + 5.8 = 6.8	(6)	2 + 6.2 = 8.2
7)	3 + 1.9 = 4.9	(8)	2 + 1.5 = 3.5	(9)	1 + 3.9 = 4.9
					4 + 0.9 = 4.9 rānei
10)	2 + 2.8 = 4.8	(11)	2 + 3 = 5	(12)	5 + 1.7 = 6.7
13)	4 + 3 = 7	(14)	4 + 2 = 6	(15)	6 + 1 = 7
16)	3 + 4 = 7	(17)	2 + 3.4 = 5.4	(18)	4 + 5.9 = 9.9
19)	3	(20)	3 + 2 + 2.3 = 7.3		

Hei Mahi 5

1)	4 + 3.9 = 7.9	(2)	6 + 0.5 = 6.5	(3)	4 + 1.6 = 5.6
4)	7 + 2.8 = 9.8	(5)	6 + 1.4 = 7.4	(6)	5 + 1.2 = 6.2
7)	8 + 7.9 = 15.9	(8)	4 + 6 = 10	(9)	7 + 1.9 = 8.9
10)	5 + 1.5 = 6.5	(11)	8 + 1.7 = 9.7	(12)	7 + 6.8 = 13.8
13)	3 + 6 = 9	(14)	5 + 3 = 8	(15)	8 + 5.9 = 13.9

Hei Mahi 6

1)	0.3	(2)	0.5	(3)	0
4)	0.7	(5)	0	(6)	0.3
7)	0.4	(8)	0.3	(9)	0.4
10)	0	(11)	0.6	(12)	0.4