

Te Uara Tū: HAUTEKAU

E ako ana ahau i ngā tikanga o te hautekau

Hei tauira: Kia pēnei te whakaoti i te tūtohi i raro iho nei:

Te Tau: 345.6

100	10	1	$\frac{1}{10}$
3	4	5	6

Te Tau Roha: $300 + 40 + 5 + \frac{6}{10}$

Hei Mahi 1

Ngā tohutohu:

- 1) Tuhia ēnei tau ki tētahi tūtohi pēnei i te mea i runga nei.
- 2) Tuhia ia tau hei tau roha.

- | | | |
|-----------|-------------|------------|
| 1) 34.5 | (2) 8.7 | (3) 2.1 |
| 4) 18.9 | (5) 23.8 | (6) 1.6 |
| 7) 0.5 | (8) 0.2 | (9) 3.9 |
| 10) 15.2 | (11) 15 | (12) 674 |
| 13) 1023 | (14) 1045.6 | (15) 300.1 |
| 16) 89.4 | (17) 0.9 | (18) 0.3 |
| 19) 104.3 | (20) 100.5 | |

4

5

6

7

8

Hei Mahi 2

Ngā tohutohu:

Tuhia ēnei tau roha hei tau ā-ira.

Te Nama o te Pātai	100	10	1	$\frac{1}{10}$
1	4		3	1
2		8	9	
3	2	3	4	6
4	3		6	
5				8
6		7		1
7	6		7	7
8		7	9	
9	8	2	4	6
10	3		1	
11				8
12	2	3	5	9

Hei Mahi 3

Karakarangia te pikitia hei whakaatu i te hautanga ā-ira

1) 0.6 (2) 0.1 (3) 0.4 (4) 0.7 (5) 0.8

1)

 2)

 3)

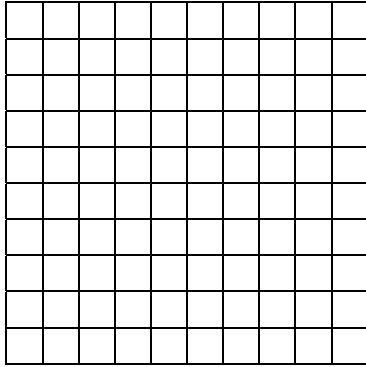
 4)

 5)

6) a) Karakarangia te 0.6 o tēnei papa kia whero, te 0.2 kia kahurangi

e) He aha te hautanga ā-ira e hāngai ana ki te katoa o te rohe karakara (whero me kahurangi).

h) He aha te hautanga ā-ira e hāngai ana ki te rohe kāore i karakarangia.



7) a) Karakarangia te 0.3 kia whero, te 0.4 kia kahurangi.

e) He aha te hautanga ā-ira e hāngai ana ki te katoa o te rohe karakara (whero me kahurangi)?

h) He aha te hautanga ā-ira e hāngai ana ki te rohe kāore i karakarangia?

Hei Mahi 4

Tuhia ēnei hautau hei tau hanumi, hei tau ā-ira hoki.

Hei tauira: $\frac{12}{10} = 1\frac{2}{10} = 1.2$

1) $\frac{23}{10}$

(2) $\frac{17}{10}$

(3) $\frac{24}{10}$

4) $\frac{36}{10}$

(5) $\frac{40}{10}$

(6) $\frac{78}{10}$

7) $\frac{140}{10}$

(8) $\frac{11}{10}$

(9) $\frac{33}{10}$

10) $\frac{560}{10}$

Hei Mahi 5

Tārarohia te mati e tohu ana i ngā hautekau i ēnei tau:

1) 34.6

(2) 78

(3) 345.9

4) 1234.6

(5) 67.9

(6) 0.012

7) 59.345

(8) 12345.8

(9) 456.67

10) 12.89

(11) 0.897

(12) 21.21

Hei Mahi 6

Porowhitatia te mati i ēnei tau e tohu ana i ngā tekau:

- | | | |
|-----------|---------------|------------|
| 1) 24 741 | (2) 18 932 | (3) 78.043 |
| 4) 567.15 | (5) 4536. 407 | |

Hei Mahi 7

Tāpirihia te kotahi hautekau ($\frac{1}{10}$) ki ēnei tau:

- | | | |
|-----------|----------|-----------|
| 1) 0.7 | (2) 0.3 | (3) 12.0 |
| 4) 24.4 | (5) 12.6 | (6) 168.4 |
| 7) 2145.2 | (8) 0.9 | (9) 23.9 |

Hei Mahi 8

Tangohia te kotahi hautekau ($\frac{1}{10}$) i ēnei tau:

- | | | |
|------------|----------|-----------|
| 1) 39.6 | (2) 32.1 | (3) 123.7 |
| 4) 0.89 | (5) 45.6 | (6) 56.1 |
| 7) 286. 2 | (8) 39.1 | (9) 8.2 |
| 10) 478.30 | | |

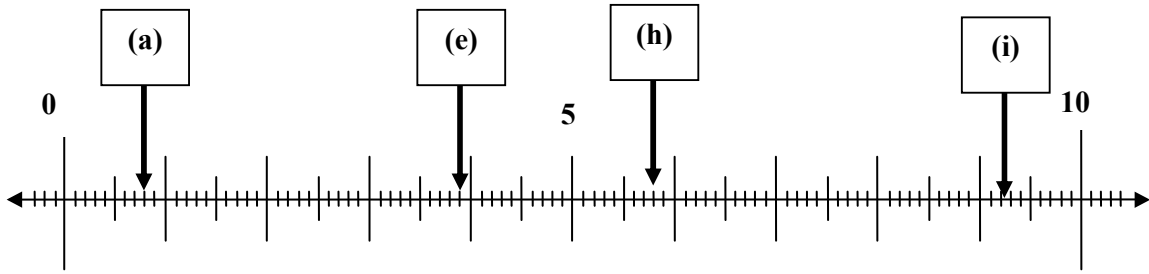
Hei Mahi 9

- 1) Ko tēhea te mati e tohu ana i ngā tekau i tēnei tau: **345.6?**
- 2) Ko tēhea te mati e tohu ana i ngā hautekau i tēnei tau: **5.68?**
- 3) Tuhia he tau mati-toru, ko te **6** hei tohu i ngā tekau.
- 4) Tuhia he tau mati-whā, ko te **6** hei tohu i ngā hautekau.

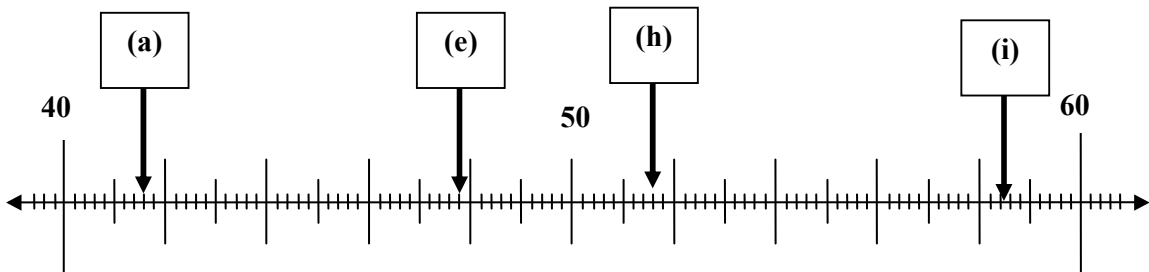
Hei Mahi 10

Tuhia ngā tau e tohua ana i ēnei rārangi tau?

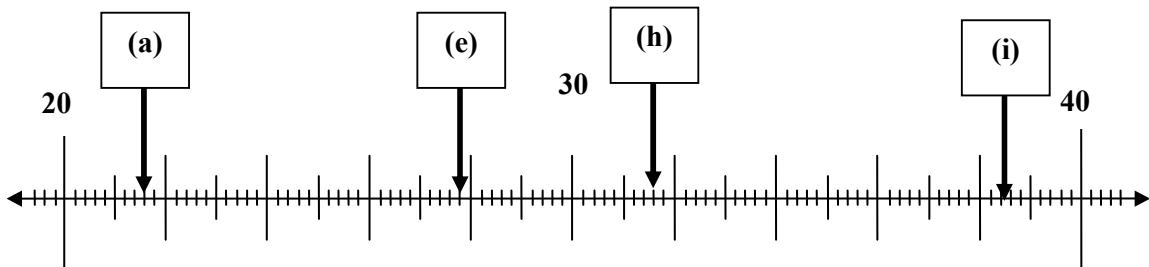
1)



2)



3)



Whārangī Tuhi

HEI MAHI 1

Te Pātai	1000	100	10	1	$\frac{1}{10}$	Te Tau Roha
1.						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

NGĀ OTINGA

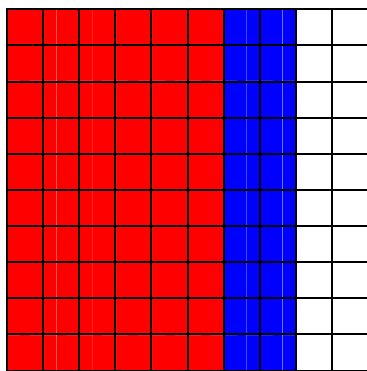
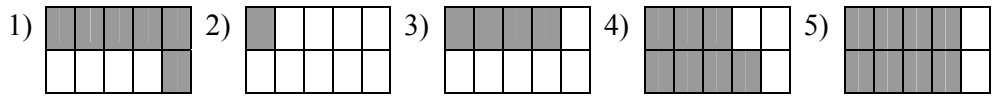
Hei Mahi 1

Te Nama o te Pātai	1000	100	10	1	$\frac{1}{10}$	Te Tau Roha
1.			3	4	5	$30 + 4 + \frac{5}{10}$
2				8	7	$8 + \frac{7}{10}$
3				2	1	$2 + \frac{1}{10}$
4			1	8	9	$18 + \frac{9}{10}$
5			2	3	8	$20 + 3 + \frac{8}{10}$
6				1	6	$1 + \frac{1}{6}$
7					5	$\frac{5}{10}$
8					2	$\frac{2}{10}$
9				3	9	$3 + \frac{9}{10}$
10			1	5	2	$10 + 5 + \frac{2}{10}$
11			1	5		15
12		6	7	4		$600 + 70 + 4$
13	1	0	2	3		$1000 + 20 + 3$
14	1	0	4	5	6	$1000 + 40 + 5 + \frac{6}{10}$
15		3	0	0	1	$300 + \frac{1}{10}$
16			8	9	4	$80 + 9 + \frac{4}{10}$
17					9	$\frac{9}{10}$
18					3	$\frac{3}{10}$
19		1	0	4	3	$100 + 4 + \frac{3}{10}$
20		1	0	0	5	$100 + \frac{5}{10}$

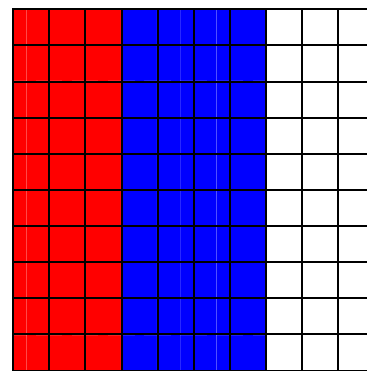
Hei Mahi 2

- 1) 403.1 (2) 89 (3) 234.6 (4) 306
 5) 0.8 (6) 70.1 (7) 607.7 (8) 79
 9) 824.6 (10) 301 (11) 0.8 (12) 235.9

Hei Mahi 3



- 8) a) 0.6 = where, 0.2 = kahurangi
 b) $\frac{8}{10}, \frac{4}{5}$ ranei
 c) 0.2



- 9) a) 0.3 = where, 0.4 = kahurangi
 b) $\frac{7}{10}$
 c) 0.3

Hei Mahi 4

- 1) $\frac{23}{10} = 2\frac{3}{10} = 2.3$ (2) $\frac{17}{10} = 1\frac{7}{10} = 1.7$ (3) $\frac{24}{10} = 2\frac{4}{10} = 2.4$
 4) $\frac{36}{10} = 3\frac{6}{10} = 3.6$ (5) $\frac{40}{10} = 4$ (6) $\frac{78}{10} = 7\frac{8}{10} = 7.8$
 7) $\frac{140}{10} = 14$ (8) $\frac{11}{10} = 1\frac{1}{10} = 1.1$ (9) $\frac{33}{10} = 3\frac{3}{10} = 3.3$
 10) $\frac{560}{10} = 56$

Hei Mahi 5

- | | | |
|--------------------|---------------------|---------------------|
| 1) 34. <u>6</u> | (2) 78 | (3) 345. <u>9</u> |
| 4) 1234. <u>6</u> | (5) 67. <u>9</u> | (6) 0. <u>0</u> 12 |
| 7) 59. <u>3</u> 45 | (8) 12345. <u>8</u> | (9) 456. <u>6</u> 7 |
| 10) 12. <u>8</u> 9 | (11) 0. <u>8</u> 97 | (12) 21. <u>2</u> 1 |

Hei Mahi 6

- | | | |
|--------------------|-----------------------|--------------------|
| 1) 24 <u>7</u> 41 | (2) 18 <u>9</u> 32 | (3) <u>7</u> 8.043 |
| 4) 5 <u>6</u> 7.15 | (5) 45 <u>3</u> 6.407 | |

Hei Mahi 7

- | | | |
|-----------|----------|-----------|
| 1) 0.8 | (2) 0.4 | (3) 12.1 |
| 4) 24.5 | (5) 12.7 | (6) 168.5 |
| 7) 2145.3 | (8) 1.0 | (9) 24.0 |

Hei Mahi 8

- | | | |
|------------|----------|-----------|
| 1) 39.5 | (2) 32 | (3) 123.6 |
| 4) 0.0.79 | (5) 45.5 | (6) 56 |
| 7) 286. 1 | (8) 39 | (9) 8.1 |
| 10) 478.20 | | |

Hei Mahi 9

- | | |
|------|-------|
| 1) 4 | (2) 6 |
|------|-------|

Hei Mahi 10

- | | | | |
|-----------|----------|----------|----------|
| 1 a) 0.80 | (b) 3.9 | (c) 5.8 | (d) 9.2 |
| 2 a) 41.6 | (b) 47.8 | (c) 51.6 | (d) 58.2 |
| 3 a) 21.6 | (b) 27.8 | (c) 31.6 | (d) 38.4 |