

He Rautaki Hautau RINGA TĪTERE WERA 2

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E ako ana ahau ki te whiriwhiri i te ōrau o tētahi rahinga.

Hei Mahi 1

Ngā rauemi:

he tāhei ōrau (Rauemi Tārua 7-4)
he kini pepa
he tātaimai

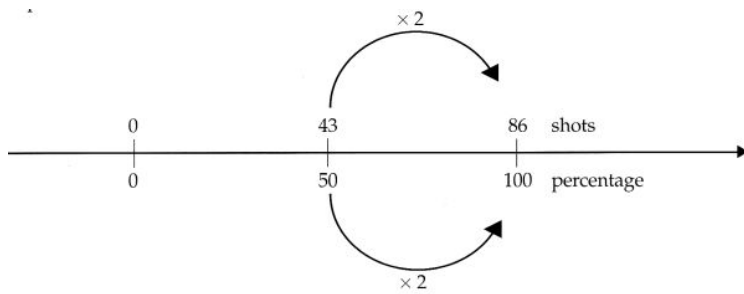
Te ōrau:

- E rua ngā wāhanga o te tohu ōrau (%). Ko te ‘/’ hei tohu i ngā kupu ‘o roto’. Ko ngā ‘0’ e rua hei tohu i te rau (100). Nō reira ko te tikanga o te ōrau (%), ko te ‘o roto i te kotahi rau’.
- Ko tētahi whakamahinga o te ōrau, ko te whakatairite i ētahi hautau e rua.

Hei taurira:

I tētahi kēmu poitarawhiti, e 43 o ngā tītere 50 a Irene i ū. I tētahi atu kēmu, 17 o ana tītere 20 i ū. Ko tēhea o ngā kēmu i tino eke tana ōrau tītere?

Ko te hautau e hāngai ana ki te kēmu tuatahi, ko te $\frac{43}{50}$. He ōrite tēnei hautau ki te $\frac{86}{100}$. Ka taea te whakaatu ki te rārangi tau matarua:



Ko te hautau e hāngai ana ki te kēmu tuarua, ko te $\frac{17}{20}$. Mā te whakarea ki te 5 e hurihia ai hei

haurau: $\frac{17}{20} \times \frac{5}{5} = \frac{85}{100}$. Nō reira he paku pai ake tana ōrau tītere i te kēmu tuatahi.

Ngā tohutohu:

Whakamahia he rārangi tau matarua hei huri i ngā hautau nei hei ōrau.

- | | | | |
|--------------------|----------------------|----------------------|----------------------|
| 1) $\frac{1}{2}$ | (2) $\frac{1}{4}$ | (3) $\frac{3}{4}$ | (4) $\frac{8}{16}$ |
| 5) $\frac{10}{40}$ | (6) $\frac{18}{24}$ | (7) $\frac{35}{40}$ | (8) $\frac{12}{20}$ |
| 9) $\frac{8}{24}$ | (10) $\frac{18}{27}$ | (11) $\frac{12}{36}$ | (12) $\frac{15}{40}$ |

Hei Mahi 2

- 1) $\frac{36}{45}$ te māka a Tawera i tana whakamātautau tuatahi, $\frac{50}{60}$ te māka i tana whakamātautau tuarua. Hurihia ngā māka hei ōrau, ka kī mai ai ko tēhea tana māka pai rawa.
- 2) $\frac{19}{25}$ te māka a Hinehou i tana whakamātautau tuatahi, $\frac{48}{60}$ te māka i tana whakamātautau tuarua. Hurihia ngā māka hei ōrau, ka kī mai ai ko tēhea tana māka pai rawa.
- 3) $\frac{24}{30}$ te māka a Roimata i tana whakamātautau tuatahi, $\frac{26}{50}$ te māka i tana whakamātautau tuarua. Hurihia ngā māka hei ōrau, ka kī mai ai ko tēhea tana māka pai rawa.
- 4) $\frac{36}{40}$ te māka a Tamanui i tana whakamātautau tuatahi, $\frac{52}{60}$ te māka i tana whakamātautau tuarua. Hurihia ngā māka hei ōrau, ka kī mai ai ko tēhea tana māka pai rawa.

**He Rautaki Hautau
RINGA TĪTERE WERA 2
NGĀ OTINGA**

Hei Mahi 1

- | | | | |
|-----------------------|------------------------|-----------------------|------------------------|
| 1) 50% | (2) 25% | (3) 75% | (4) 50% |
| (5) 25% | 6) 75% | (7) $87\frac{1}{2}\%$ | (8) 60% |
| (9) $33\frac{1}{3}\%$ | (10) $66\frac{2}{3}\%$ | 11) $33\frac{1}{3}\%$ | (12) $37\frac{1}{2}\%$ |

Hei Mahi 2

- 1) whakamātautau 1 = 80%, whakamātautau 2 = $83\frac{1}{3}\%$
- 2) whakamātautau 1 = 76%, whakamātautau 2 = 80%
- 3) whakamātautau 1 = 80%, whakamātautau 2 = 52%
- 4) whakamātautau 1 = 90%, whakamātautau 2 = $86\frac{2}{3}\%$