

Rautaki Whakaoti Whārite

TE WHAKAMAHİ RAUTAKI TAU 3

4
5
6
7
8

E ako ana ahau ki te whakamahi rautaki tau hei whakaoti whārite rārangī, e whai wāhi mai ana te tau tōraro

Hei Mahi 1: Te whiriwhiri i te x

Ngā tohutohu:

- Hurihia te tuhinga o te whārite hei āwhina i a koe ki te whiriwhiri i te x , kia tika ai te whārite.
- Āta whakamārama i te rautaki ka whakamahia e koe hei whakaoti i te whārite.
- Tuhia te uara o te x , kia tika ai te whārite.

Hei tauira:

$$\text{te whārite: } 19 = x + 47$$

$$\text{te huringa o te whārite: } x = 19 - 47$$

$$\text{te rautaki: } 47 - 19 = 28: 19 - 47 = -28$$

$$\text{te otinga: } x = -28$$

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|-----|--------------------|------|--------------------|------|-----------------------|
| 1) | $-45 + x = 76$ | (2) | $x + 17 = -15$ | (3) | $93 = x + 121$ |
| 4) | $72 - x = 99$ | (5) | $63 = 46 - x$ | (6) | $x - 29 = -51$ |
| 7) | $39 = 72 + x$ | (8) | $x - 16 = -82$ | (9) | $72 - x = -15$ |
| 10) | $22 = 44 + x$ | (11) | $88 = 71 - x$ | (12) | $-36 = x - 47$ |
| 13) | $-131 + x = 267$ | (14) | $x - 140 = -470$ | (15) | $195 - x = 295$ |
| 16) | $2300 + x = -4500$ | (17) | $x - 9876 = -1234$ | (18) | $80808 - x = -80808$ |
| 19) | $5555 + x = -1111$ | (20) | $x - 932 = -840$ | (21) | $100000 - x = 123456$ |
| 22) | $-354 + x = -127$ | (23) | $x - 3750 = -4250$ | (24) | $99995 - x = 100000$ |

Hei Mahi 2: He rapanga pakitau

Ngā tohutohu:

Kōwhiria kia rima ngā whārite o runga ake nei, ka tuhi ai i tētahi rapanga pakitau e hāngai ana ki tēnā, ki tēnā.

Rautaki Whakaotī Whārite
TE WHAKAMAHİ RAUTAKI TAU 3
NGĀ OTINGA

Hei Mahi 1

1)	$x = 76 + 45$ $x = 121$	(2)	$x = -15 - 17$ $x = -32$	(3)	$x = 93 - 121$ $x = -28$
4)	$x = 72 - 99$ $x = -27$	(5)	$x = 46 - 63$ $x = -17$	(6)	$x = -51 + 29$ $x = -22$
7)	$x = 39 - 72$ $x = -33$	(8)	$x = -82 + 16$ $x = -66$	(9)	$x = 72 + 15$ $x = 87$
10)	$x = 22 - 44$ $x = -22$	(11)	$x = 71 - 88$ $x = -17$	(12)	$x = -36 + 47$ $x = 11$
13)	$x = 267 + 131$ $x = 398$	(14)	$x = -470 + 140$ $x = -330$	(15)	$x = 195 - 295$ $x = -100$
16)	$x = -4500 - 2300$ $x = -6800$	(17)	$x = -1234 + 9876$ $x = 8642$	(18)	$x = 80808 + 80808$ $x = 161616$
19)	$x = -1111 - 5555$ $x = -6666$	(20)	$x = -840 + 932$ $x = 92$	(21)	$x = 100000 - 123456$ $x = -23456$
22)	$x = -127 + 354$ $x = 227$	(23)	$x = -4250 + 3750$ $x = -500$	(24)	$x = 99995 - 100000$ $x = -5$