

Te Taurangi me te Whārite

Whārangi Mahi 4

1. Whakaotia ēnei whārite:

- a) $t = 3 + (20 \div 5)$
- e) $m = (14 + 10) \div 2$
- h) $n = 14 + (10 \div 2)$
- i) $u = 4 + (13 \times 2)$
- k) $u = (4 + 13) \times 2$

2. Whakaurua te uara o 'a' ki te whārite, ka tātai ai i te uara o 'h'.

- a) $4a - 3 = h$ ($a = 7$)
- e) $4(a - 3) = h$ ($a = 7$)
- h) $3 - 4a = h$ ($a = 1$)
- i) $\frac{a}{5} + 3 = h$ ($a = 15$)
- k) $\frac{(a + 6)}{3} = h$ ($a = 15$)
- m) $\frac{30}{a} + 2 = h$ ($a = 6$)

3. Tuhia ēnei kōrero hei whārite (āta whakaarohia ngā pū e tika ana, ā, ki hea ngā taiapa whakatūria ai).

- a) Tāpirihia te 2 ki te rōrahi kōhinu, ka whakarau ai i te tapeke ki te 1.05, ka hua ko te utu.
- e) Tangohia te 5 i te tawhiti o te omaoma, ka wehe ai ki te 12, ka hua ko te wā (hāora) e oti i a Hema taua tawhiti te oma.
- h) Tāpirihia te 4 ki te whānui o te āhua, ka whakarau ai ki te 4, ka hua ko te paenga o te āhua.

4. Ko tēhea o ngā whārite i te taha matau e hāngai ana ki tēnā kōrero ki tēnā i te taha mauī?

a) Whakarautia te m ki te 4, ka tango ai i te 2, ka hua ko te p . $\frac{t}{3} + 5 = 14$

e) Tangohia te 2 i te m , ka whakarau ai ki te 4, ka hua ko te p . $4m - 2 = p$

h) Tangohia te m i te 2, ka whakarau ai ki te 4, ka hua ko te p . $\frac{(5+t)}{3} = 14$

i) Wehea te t ki te 3, ka tāpiri ai i te 5, ka hua ko te 14. $4(m-2) = p$

k) Tāpirihia te 5 ki te t , ka wehe ai ki te 3, ka hua ko te 14. $4(2-m) = p$

5. Koia nei te whārite hei tātai i te paenga o tētahi tapawhā rite:

$$4t = p \quad (t = \text{te roa o ngā tapa}, p = \text{te paenga}).$$

Tātaihia te paenga mēnā

a) $t = 2\text{cm}$

e) $t = 5\text{cm}$

h) $t = 3.5\text{cm}$

i) $t = 4\text{mm}$

k) $t = 1.5\text{m}$

m) $p = 12\text{cm}$