

Task: He Poi

Approach: One to one

Focus: Estimating weights

Resources: He poi hautai māwhero; he poi maitai ; he poi tēnehi kōwhai; te puka whakautu; he poi kirikiti karaka

Questions / instructions:

%
response

Anei ētahi poi rerekē e whā. Māu e whakaaro he aha te taumaha o ia poi. I mua i tō whakautu, puritia ia poi ki ō ringaringa kia āhua mōhio ai koe ki te taumaha o tēnā o tēnā.

Hoatu ngā poi e whā ki te ākongā.



Kōrerotia mai ōu whakaaro mō te taumaha o ia poi.

Kaua e wareware ki te kōrero mai i te waeine, pēnei i te karamu (g), te kirokaramu (kg) rānei.

Tuhia ngā whakautu a te ākongā ki te puka whakautu. Kaua e wareware ngā waeine.

1. Ki a koe, e hia te taumaha o te poi hautai māwhero?

Tuhia te whakautu.

6 - 24g 9
< 6g 59
> 24g 17

Unit given:

grams 74

2. Ki a koe, e hia te taumaha o te poi tēnehi kōwhai?

Tuhia te whakautu.

29 - 116g 10
< 29g 50
> 116g 20

Unit given:

grams 65

3. Ki a koe, e hia te taumaha o te poi kirikiti karaka?

Tuhia te whakautu.

82 - 328g 9
< 82g 55
> 328g 17

Unit given:

grams 60

4. Ki a koe, e hia te taumaha o te poi maitai?

Tuhia te whakautu.

363 - 1452g 13
< 363g 33
> 1452g or 1.452g 35

Unit given:

kilograms 63

grams 24

Ball weights: weights in increasing sequence

78

Commentary:

A large proportion of students underestimated the weights of the various balls. This may indicate gaps in understanding the metric system for measuring weight. A large percentage of students were successfully able to sequence the balls according to weight.