Te whakaaro

Ngā mea e mōhio ana tātou, me pēhea te tirotiro, me ngā mea kāore anō tātou kia mōhio

He aratohu Konfirmu mō ngā whānau, ngā kaiako, ngā kaiwhakatau, me ngā tohunga ngaio.



Tuhinga

tekau pouaka



Whakatairite i ngā kape

Whakataetae



He aha i tae mai?

E rua ngā tuhinga e kī ana kua tae mai tekau ngā pouaka. Ka haere tētahi ki te whare putunga, ka tatau i ngā pouaka kei runga i te papa, ā, ka kitea e ia e iwa ngā pouaka.

Ka taea e tātou te tirotiro kia ōrite ngā tuhinga. Hei mōhio ki te tokomaha o ngā pouaka kua tae mai, me whai hoki tātou i te tatau. He aha ngā taunakitanga ka tono koe ki te tangata i whiwhi i aua pouaka kia whakaatu mai?

E toru ngā taumata taunakitanga

He aha ngā mea ka taea e mātou te tirotiro?

He kape, he haina, he tatauranga e whakautu ana i ngā pātai rerekē.

01 He tohutoro pono tā tātou?

Tērā pea ko tēnei te kōnae taketake, te tapumata matihiko rānei, i whiwhia mā tētahi hongere e whakawhirinaki ana. Me puritia hoki te putanga me te puna o te tohutoro.

02 Kei roto i te kape ngā raraunga anō?

Ko te hash he tapumata matihiko e tatau ana i ngā baiti kei roto i tētahi kōnae. Mā te tirotiro i tētahi haina matihiko me tētahi kī e whakawhirinaki ana, ka taea hoki e koe te whakamana i te hononga ki te kī a te kaihaina.

03 I puta rānei te kaupapa i roto i te tuhinga?

Hei whakatau i ngā mea i tupu, tērā pea me tatau koe i ngā pouaka, me tirotiro i tētahi ine, me rapu i tētahi rēhita ā-ture, me pātai rānei ki tētahi tangata whai tohu kia arotake i ngā taunakitanga.

E toru ngā whakautu pea

"Tūturu" ina ōrite ana ngā kape. "Rerekē" ina rerekē ana rātou. "Kāore au i te mōhio anō" ina ngaro tētahi tohutoro, tētahi atu taunakitanga rānei.

Ka taea e koe te tirotiro i waho o te ipurangi mēnā kei tō pūrere kē ngā raraunga, te tohutoro me ngā taputapu. Ka taea anake e koe te whakahoki mai i te tuhinga taketake kua ngaro mēnā he kape e wātea ana.

Ngā kitenga / Me pēhea te tirotiro / Ngā mea kāore e whakapūmauhia e tēnei

Ngā hapa i ako ai mātou ki te tautuhi

E ono ngā kitenga i puta i te tuhipoka pūtaiao i te 25 o Noema. Ko ia hua whakamātautau e tohu ana ki te putanga i tautuhia i roto i te tuhipoka.

F1 Ka taea e te here 95% te kapi i te iti ake

Ngā mea i kitea e mātou

I tēnei tauira, ko te taumata runga i tātaitia mā te tikanga rārangi e kapi ana i te 86.51% o ngā uara, ahakoa ko te taumata tūturu he 95%.

Me pēhea te tirotiro

E whakaatu ana te whārangi 7 me pēhea te tātai i te kapi mō te whakahokinga o tētahi taurangi kua tohaina noa, me te toharite 1 me te wehenga paerewa 0.3.

He aha kāore tēnei e whakapūmau

Ka hāngai te hua ki tēnei tauira me ēnei here. Me whakahaere anō he tātaitanga mō ērā atu ine.

I tātaitia anō te F1 mō tēnei putanga. I tātaitia anō hoki e te rōpū te tatauranga i te 24 o Noema.

F2 He rīpiti me te rahi o tētahi puranga

Ngā mea i kitea e mātou

Mō ētahi puranga, kāore i taea e te rīpene moni i whakaputaina e te putanga e rangahauhia ana te whakapūmau i te maha o ngā tūemi i reira.

Me pēhea te tirotiro

Me tuhi e te arotake te maha o ngā taonga i tae mai, me ngā taunakitanga e hono ana i taua tatau ki te rīpiti.

He aha kāore tēnei e whakapūmau

Ka herea e tēnei ngā mea e tautuhia ana e te rīpeka mō te kohinga. E pūrongo ana te tuhipoka kāore he pakaru i te SHA-256.

I whakahokia e te tīma te F2 i te 24 o Noema. I tuhia e te tuhipoka i tēnei putanga 3.0.0 he take tuwhera tēnei.

F3 Ka ngaro te wehewehenga i roto i ngā raraunga

Ngā mea i kitea e mātou

I ngaro i te whakaaturanga kua penapenahia tētahi wehewehenga i kitea i ngā raraunga taketake. Kāore e taea e te rīpeka te whakapūmau i taua wehewehenga.

Me pēhea te tirotiro

I te wā o te arotake, me āhei te rōpū ki te whakaatu e tiakina ana e te rēkōta ngā wehewehe whai take katoa o te tuhinga taketake.

He aha kāore tēnei e whakapūmau

I ngaro te wehewehenga i te wā i whakaaturia ai ngā raraunga. Kāore te whakamātautau e whakaatu ana i tētahi pakaru whakamunatanga.

I whakahokia e te tīma te F3 i te 24 o Noema. I tuhia e te tuhipoka i tēnei putanga 3.0.0 he take tuwhera.

Ngā kitenga / Me pēhea te tirotiro / Ngā mea kāore e whakapūmauhia e tēnei

I te wā me mutu ai te pūnaha

E ono ngā kitenga i puta i te tuhipoka pūtaiao i te 25 o Noema. Ko ia hua whakamātautau e tohu ana ki te putanga i tautuhia i roto i te tuhipoka.

F4 I hoatu e rua ngā kaiwhakamana ngā whakautu rerekē.

Ngā mea i kitea e mātou

E ai ki te arotake ā-roto, i kitea e tētahi kaiwhakamana ngā panonitanga e whitu i roto i ngā iwa, ā, i kitea e tētahi atu ngā panonitanga e iwa katoa.

Me pēhea te tirotiro

Hei aromatawai i tētahi putanga hou, whakatairitea āna whakataunga ki ngā mea i tūmanakohia, ā, puritia ngā rīpiti whakamātautau.

He aha kāore tēnei e whakapūmau

E iwa tauira kāore e taea te whakaatu i te tokomaha o ngā panonitanga ka kitea i tētahi atu kohinga tuhinga.

I ripoatahia te F4 i roto i te arotake ā-roto i te 24 o Whiringa-ā-nuku. Kāore te rōpū i whakahaere anō i te whakamātautau mō te tuhipoka.

F5 He "OK" i te wā i tonoa e te ture kia mutu.

Ngā mea i kitea e mātou

I tautuhia e te rōpū ngā āhuatanga e whā i whakautua ai "OK", ahakoa i tonoa e te ture kia "VETO".

Me pēhea te tirotiro

Ki te whakatikatika kua tūtohutia, 186 o ngā 1,246 take whakamātautau i mutu te whakahoki mai i te "OK". Kāore i hurihia he take kia "OK".

He aha kāore tēnei e whakapūmau

I whakamārama te tuhipoka i tētahi whakatikanga kua tūtohutia. Hei whakapūmau i tōna whakamahinga i roto i te whakaputanga, me whai taunakitanga mō te putanga kua tāuta me ōna whakamātautau.

I pūrongoia te F5 i te 24 o Noema. I te 25 o Noema, i tuhia i te tuhipoka kāore anō te whakatikatika kia tūmatanui.

F6 He pānui e tino tata ana ki te here

Ngā mea i kitea e mātou

I tētahi tauira me ngā here 2 me 8, nā te poro i te pānui ki ngā wāhi tekau mā ono i puta he whakataunga rerekē i te whakamahi i te tika teitei.

Me pēhea te tirotiro

Me tautuhi e tētahi arotake te tika i whakamahia me te ture kua whakaaetia hei whakataurite i te ine ki te here.

He aha kāore tēnei e whakapūmau

Ka whakawhirinaki te manawaroa ki te kaupapa me te ture e hāngai ana. Kāore tēnei tauira e tautuhi i ngā manawaroa mō ētahi atu whakamahinga.

I pūrongo a F6 i te 24 o Noema. I te wā i tuhia ai te tuhipoka, kei te matapaki tonu te ture tohutoro.

Te hauora me te rongoā

Te tirotiro i tētahi pūrongo hauora

E toru ngā āhuatanga pūrākau e taea ai e tētahi te whakataurite i tētahi rekoata ki tētahi tohutoro e whakawhirinaki ana.

01 He rēhita ārai mate

Ka taea e te whakataurite te whakaatu kua whakarerekēhia tētahi kape. Hei whakapūmau kua hoatu te werohanga, me whai taunakitanga mai i te hui ā-hauora. Hei whakapūmau i tōna whaihua, me whai taunakitanga motuhake.

02 He hua whakamātautau taiwhanga

Ka taea e koe te tirotiro mēnā e ōrite ana te pūrongo i whiwhi ai koe ki tērā i puritia e te taiwhanga. Me whakamāramahia e tētahi kaimātau hauora ngā hua tūturu.

03 He rekoata mō te mekameka makariri

Ka taea e koe te whakataurite i tētahi kape o te rangitaki ki te tohutoro. Me tirotiro motuhake ia tētahi o ngā whakarite ine o te pūoko me ngā āhuatanga rokiroki tūturu.

> **Ka taea e tētahi pūoko te tuhi i tētahi uara hē.**
> Me whakaaro ka tuhi te pūoko i te 4 °C. Mēnā he hapa te pūoko, tērā pea he rerekē te pāmahana tūturu ahakoa ka ōrite te kape ki te rangitaki taketake.

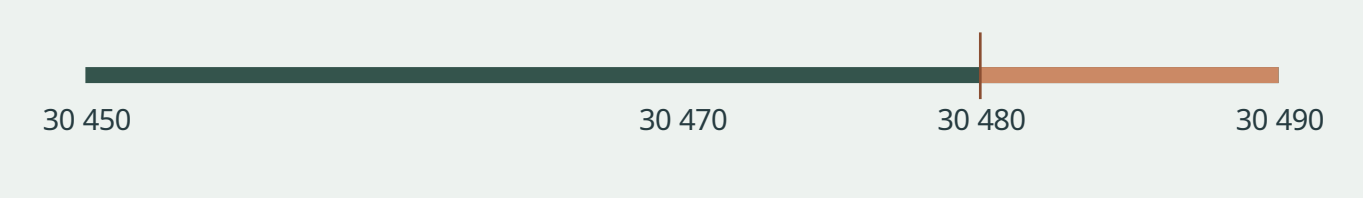
Ko te tuhipoka pūtaiao e whakaahua ana i a Konfirmu hei tauira rangahau. Ehara ia i te taputapu hauora, ā, kāore i hangaia mō te tautuhi mate, te rongoā, te whakatau rānei mō ngā tāngata takitahi.

Haumaru whakahaere me te pōti

Ka taea e tētahi rīpiti whaimana te kī "tū"

He whakamātautau tēpu me tētahi ipu pūrākau me te here āhua o te 30,480 kg.

Ko te pānui taumaha he 30,470 ± 20 kg



Rohe taumaha, i roto i ngā kilokiramu · Herenga 30 480 kg
https://dpsindustrial.nl/konfirmu/guia/pesagem/?lang=mi

Ka rere te awhe mai i te 30,450 ki te 30,490 kg. Ko te pae, i tātai hei taumata here − taumaha, ka rere mai i te −10 ki te +30 kg. I te pito runga, ka nui ake te taumaha i te here e 10 kg. Ka taea e te rīpeka te whai haina whai mana (VALID), ahakoa e tono ana te ture kia mutu (VETO).

He aha mō te pōti?

Mā te tirotiro i tētahi kōwae meneti kua hainatia ka kitea ngā panonitanga i muri mai. Me whai taunakitanga motuhake mō te uru a ngā pōti, mō te tika o te tatau, me te muna o te pōti. Ka taea e tētahi rīpiti e whakaatu ana i te kōwhiringa a tētahi tangata te whakararuraru i te muna.

Ko wai e āhei ana ki te whakaae kia whakahaerehia te mahi?

Mā te hainatanga e āhei ai koe ki te tirotiro i te tuhinga. Ka whakatau ngā tāngata e kawenga ana mēnā ka anga whakamua, mā te whakamahi i ngā ture me ngā raraunga mō te mahi tūturu.

Ngā tirotiro i tō pūrere

Me pēhea te tirotiro māu anō

Mā tētahi tohutoro e whakawhirinaki ana, ka taea e koe te whakataurite i tētahi kōnae. Ka taea hoki e koe te whakahoki anō i te tātaitanga o te kapi i te whārangi tuatoru.

E tautuhia ana i te tuhipoka te putanga 3.0.0 o te pūmotuka Python, te komiti 90b3968, i te 24 o Whiringa-ā-nuku 2026. Kei raro i te raihana EUPL-1.2 te waehere.

Putunga waehere ā-ture

SHA-256 o te pūnaha Python, i rīpoatahia i roto i te tuhipoka
`529098c652ee8234960d69383e308f60db6a5df8ea6bdae578b538eb806e80cf`

Whakanohoia te rārangi tuku me ngā kōnae e hāngai ana ki roto i tētahi kōpaki kotahi. Whakahaerehia te whakahau mō tō pūnaha.

```
sha256sum -c SHA256SUMS.txt        # Linux
shasum -a 256 -c SHA256SUMS.txt    # macOS
```

I pūrongo te rōpū i ngā kōnae 62 i hāngai, ngā whakamātautau ā-tinana 247, me ngā huinga ture 10 i whakamātauria i runga i Linux me Python 3.13. Nō taua arotake ēnei tatauranga.

F1 · Whakahokia te tātaitanga i roto i te Python

```
from statistics import NormalDist
X, Z = NormalDist(1, 0.3), NormalDist()
u = 1 + Z.inv_cdf(.95) * .3
print(u, X.cdf(0) + 1 - X.cdf(1/u))
print(X.cdf(1/.412) - X.cdf(1/1.588))
```

Mō Y = 1/X, ko te taumata runga ko 1.493456088, ā, ko te taupoki he 86.51%. Ka tutuki hoki tēnei here i te X kino. Ko ngā here ā-rua kua whakaputaina, kua porotaka, o 0.412 me 1.588, e whakarato ana i te taupoki 89.14%.

Ko te kapi te tūponotanga i raro i tēnei tauira. E tohu ana te tuhipoka ki ngā JCGM 100 me 101 mō te whakawhānuitanga o te pōraruraru.

Whakatuwherahia te taupānga pūtirotiro. · 143 662 B

https://dpsindustrial.nl/konfirmu/app/

Whakatuwherahia ngā kōnae hei whakataurite. Tīpakohia te kōnae tohutoro me te kape tuarua, kātahi ka tīpakohia A4 · Whakataurite.

Compare files → Reference file → Second copy → A4 · Compare

SHA-256 o te kōnae HTML o te taupānga pūtirotiro, i tirotirohia i te 26 o Noema 2026
`0a468ec23401f5125ee1e5399ef536b6fba88beab94771e4df6b7910c9723717`

Ngā here me ētahi atu whakamātautau

Ngā mea kāore anō kia mōhio tātou

Ka taea e te tangata e whiwhi ana i ngā taunakitanga te tirotiro i aua taunakitanga. Ka whakawhirinaki ki te paearu me te whakamātautau i whakamahia, he aha ngā mea e whakapūmau ana ngā taunakitanga.

Ko wai i whakahaere i ngā whakamātautau?

Ko te tuhipoka i te 25 o Noema e tohu ana ko te rōpū me ngā pūnaha AI i whakamahia e ia ngā whakamātautau. Mā tētahi arotake motuhake e tautuhi i te putanga, e whakahoki anō i ngā whakamātautau, ā, e tuhi i ngā hua, tae atu ki ngā rerekētanga.

He aha ngā whakamanatanga kua tuhia?

Ko te arotake i ngā whakaritenga 295 o ECSS-Q-ST-80C Rev.2 he aromatawai ā-roto. Ko ngā tāuru i-DEPOT 162925 me 164391 e tuhi ana i ngā mea i tāurua me te wā i tāurua ai. E hiahiatia ana he aromatawai motuhake mō te kounga o te hua.

He aha ka taea e tētahi tohu wā te whakapūmau?

Ka āhei a Chronolex i ngā kaipānui ki te tirotiro i te pono o ngā rekoata. E kī ana te tuhipoka kāore he pānga ture kua whakaritea e te ratonga tohu wā tūmatanui kore utu e whakamahia ana. Me rapu tonu he taunakitanga e whakaatu ana kua tū te kaupapa.

Kua kitea he hapa?

Tuhia te putanga, te hua e tūmanakohia ana me ngā mea i kitea e koe. Tukuna ngā taipitopito ki

admin@dpsindustrial.nl

Tīhorea, pā rānei kia whakatuwhera

Paetukutuku mana o DPS

Kete tekau mā rua wāhanga

I roto i te kōpaki ZIP, whakatuwherahia te kōpaki Exemplos/09-Shipping/. Whakatairangahia ngā kōnae 01-original.txt me 02-copia.txt i roto i te taupānga: e kī ana ngā rekoata hanga-a-tuhi he 24 me te 29 pouaka. Kei te whārangi 6 te tauira taumaha.

Puna matua · Tuhipoka pūtaiao o te 25 o Whiringa-ā-nuku 2026

Konfirmu_Scientific_Note.pdf · 88 212 B · SHA-256
884fde70000fa68dccdb4b6527da7a1bce8a7737b3f44c03340f182ae6100f88

DPS Industrial & Maritime Services · Konfirmu · KVK 42005886
Enschede, Nētarana