

Kia 'akakī'ia e te tangata te tārērē'ia nei

NSN

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Te Numero o te 'Āpi'i
(School Code)

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NA TE ARONGA 'AKATERETERE I
TE TĀRĒRĒ'ANGA ANAKE

See back cover for an English
translation of this cover

32406C TU'ANGA-'ĀPI'I 2

Tikotī'ia a roto i te pi'a (☒)
me KĀRE KOE i tātā ana ki roto i teia puka

+



Mana Tohu Mātauranga o Aotearoa
New Zealand Qualifications Authority

Numero 2026

**32406C Ta'anga'anga'ia te au numero, e te statistics
kia tau ki te au mea mātau'ia na roto i te au ra tatakitā'i**

Credits: Ta'i nga'uru

TE RUA O TE 'EPETOMA | RA 25–RA 29 MAY 2026

TE AU MEA TEI TUPU	
1	'Anga'ia te au rāvenga numero, e te statistical, no te 'akatanotano'anga i te au manatā, i roto i te au mea mātau'ia na roto i te au ra tātakitā'i.
2	Ta'anga'anga'ia te au numero, e te statistics kia tau ki te au anoano numero, i roto i te au mea mātau'ia na roto i te au ra tatakitā'i.
3	'Akamārama'ia te au pa'u'anga numero, e te statistical, no runga i te au turanga.

Tukuna'ia to'ou National Student Number (NSN), e te School Code, ki roto i te ātea i runga ake nei.

E tau kia tāmata koe i te au ui'anga POUROA, i roto i teia puka.

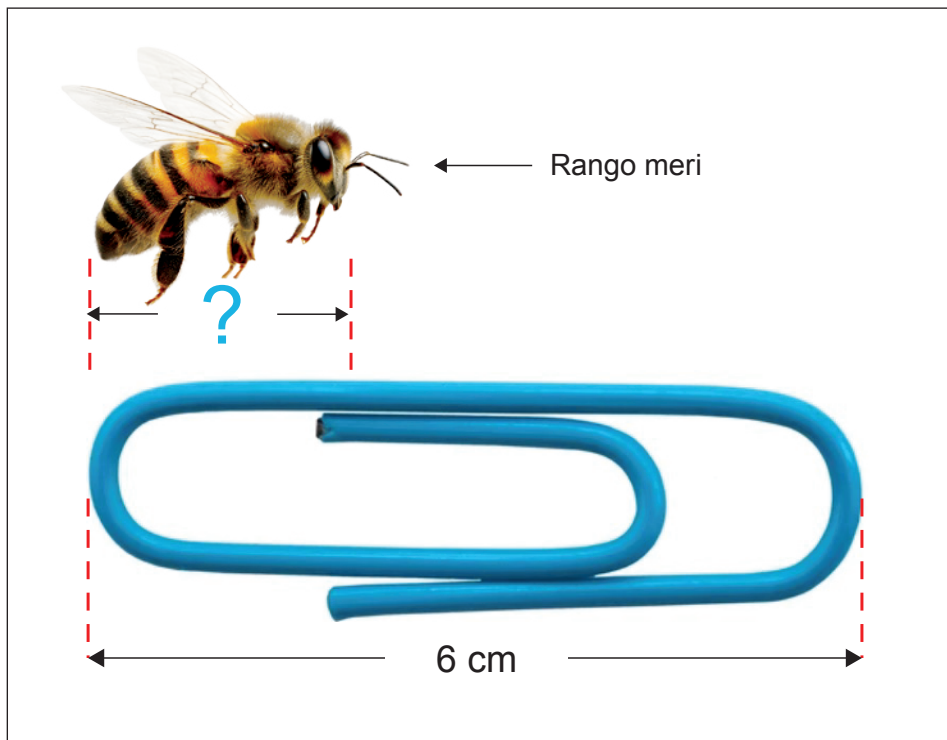
Me te anoano ra koe i teta'i ngā'i ke atu no teta'i pa'u'anga, ta'anga'anga'ia te ātea tei 'ōronga'ia atu, i muri ake i teia puka.

'Ākara meitaki kia tu teia puka i te kapi 2–55, kia tau te tārē'anga mei mua ki te 'openga, kāre 'okota'i o teia au kapi e va (blank) ana.

'Auraka e tātā ki roto i te au tapa (margins) (//////). Ka tīpu'ia teia ngā'i, me māka'ia te puka.

KIA 'ŌRONGA ATU KOE I TEIA PUKA, KI TE TANGATA 'AKATERETERE I TE TĀRĒRĒ, ME OTI TEIA TĀRĒRĒ'ANGA.

UI'ANGA TA'I: Te rango meri

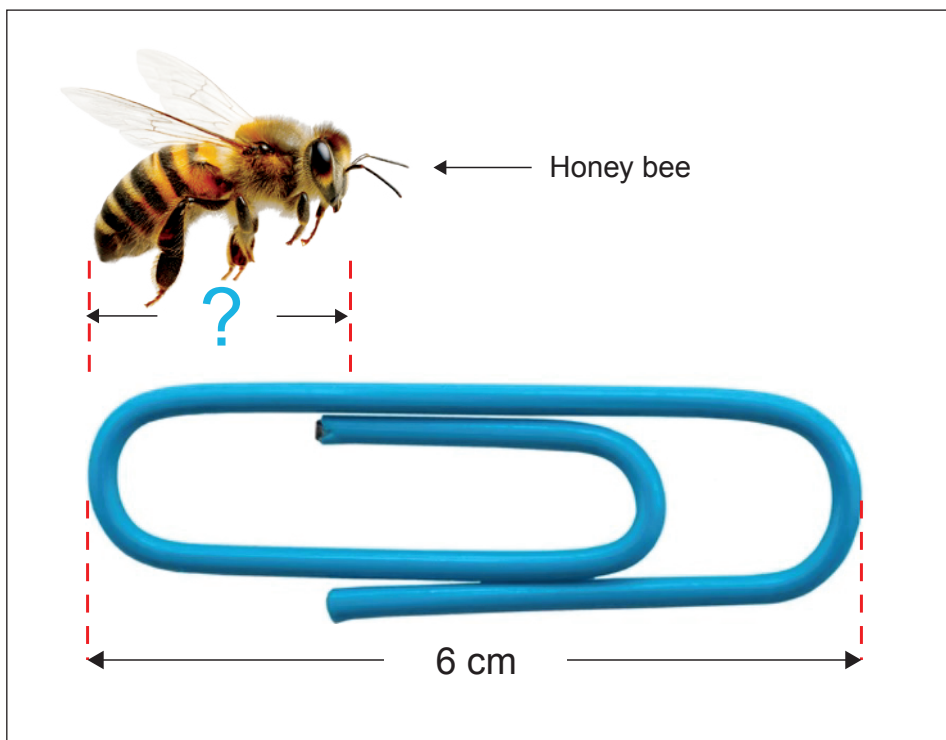


E 6 centimetres te roāngarere o teia pākati pēpa, i roto i te ora'anga tau.

(a) Mei te a'a te roāngarere i te rango meri, i roto i te **millimetres**?

 mm

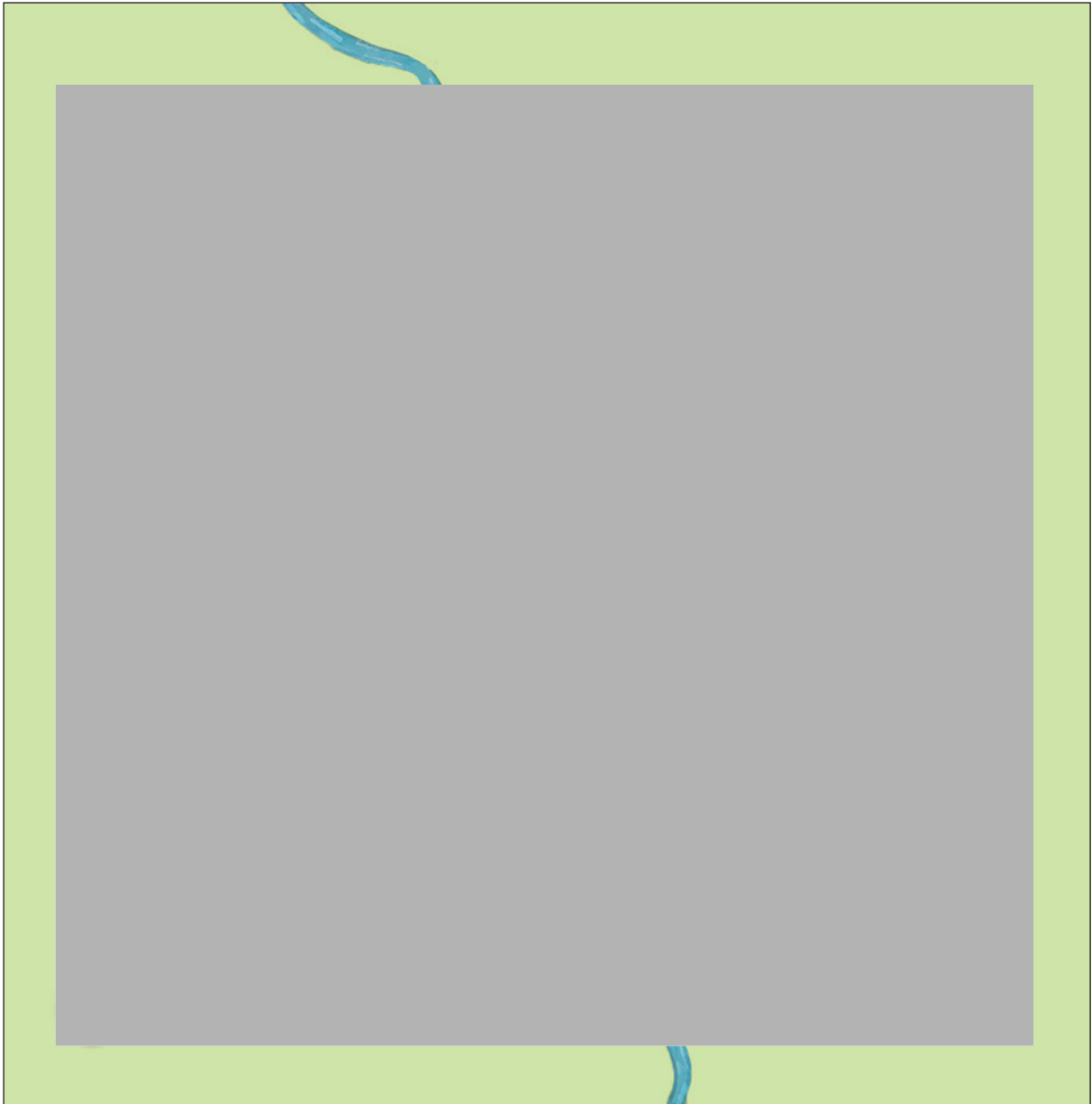
QUESTION ONE: Honey bees



This paper clip is 6 centimetres long in real life.

- (a) About what length is the honey bee in **millimetres**?

 mm

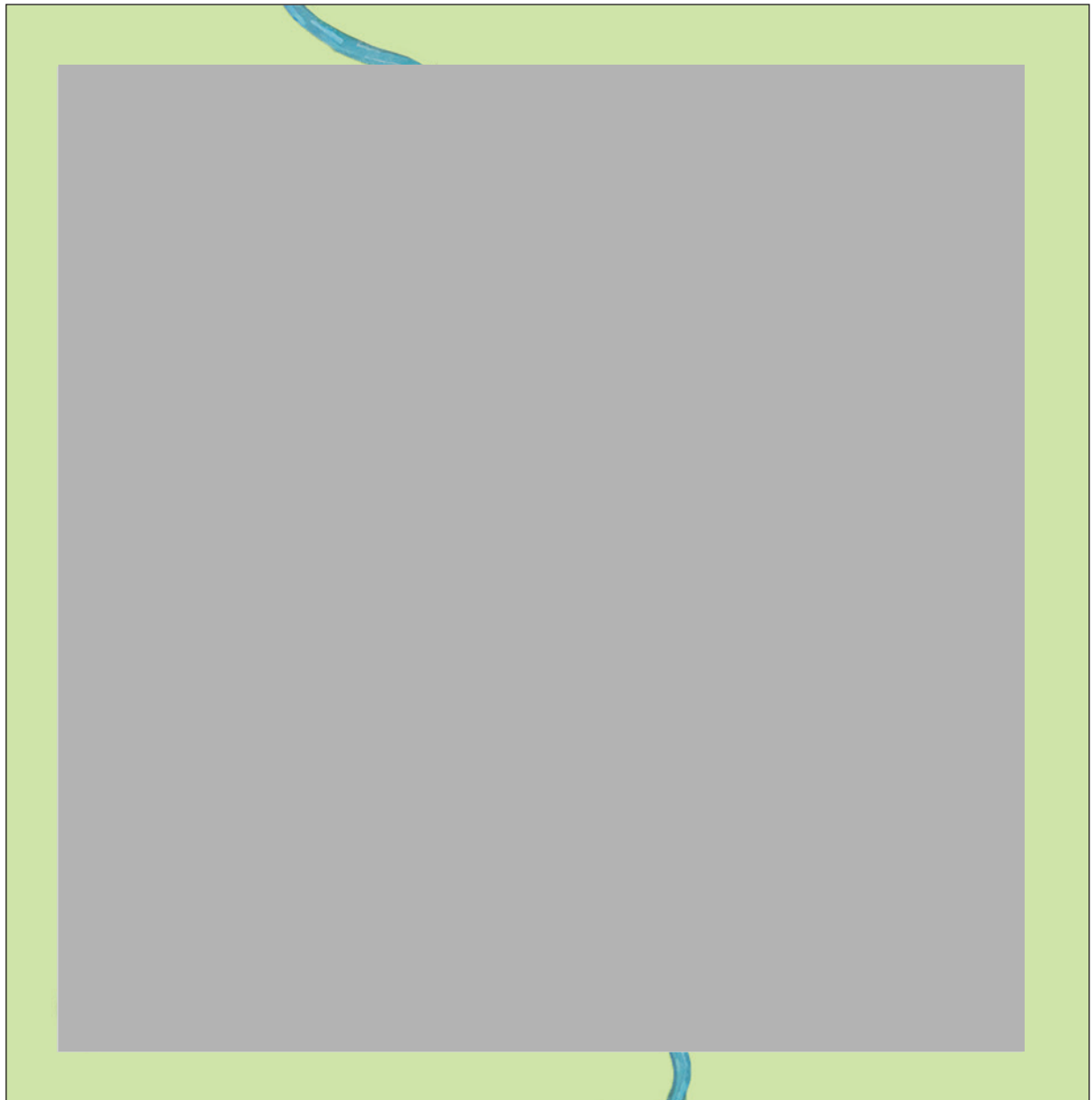


Ka taeria e te rango meri i te rere **e 8 km** mei ko i to ratou ko'anga.

- (b) I runga i te māpu, ko te'ea reta te 'akaāri mai nei i te **mamao rava atu** te ka taeria e teta'i rango meri, mei ko i te ko'anga?

'Iki'ia (✓) te reta tano.

- (i) A ☐ (ii) B ☐ (iii) C ☐ (iv) D ☐ (v) E ☐



Honey bees can fly **up to 8 km** from their hive.

- (b) On the map, which letter shows the **furthest** a honey bee can reach from the hive?

Select (✓) the correct letter.

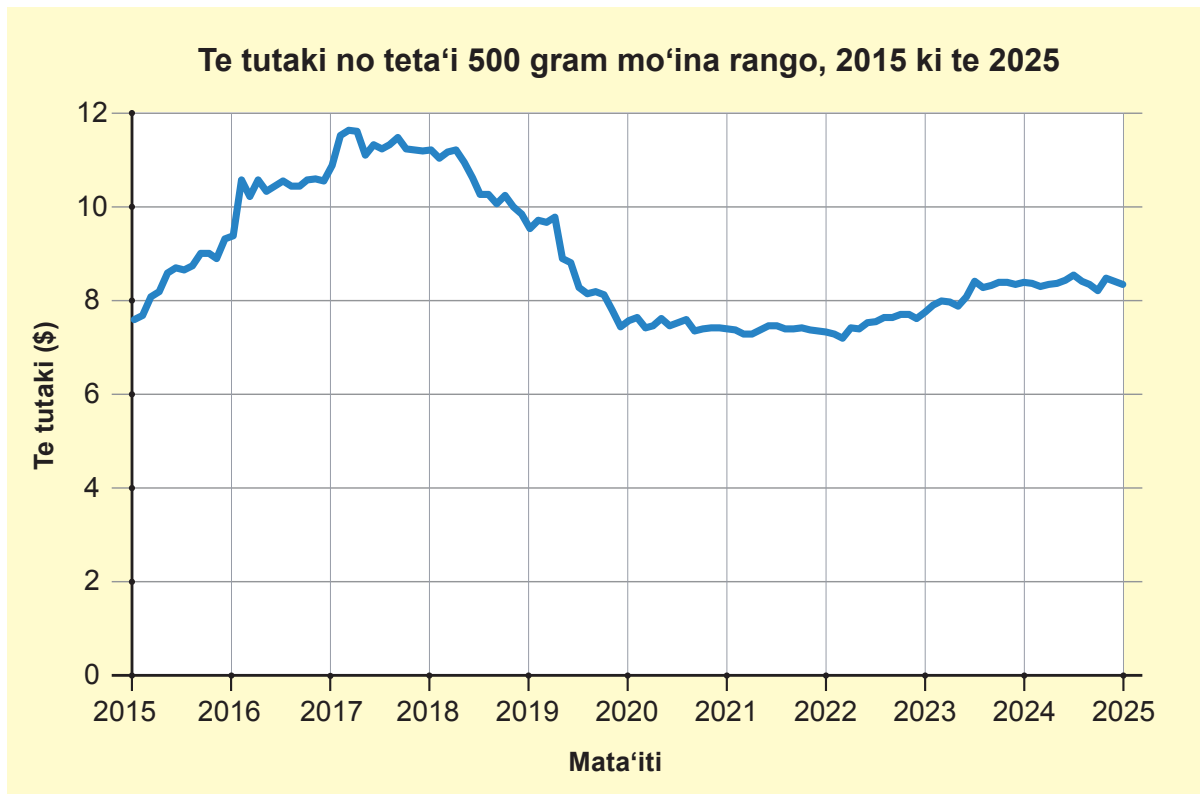
- (i) A ☐ (ii) B ☐ (iii) C ☐ (iv) D ☐ (v) E ☐

E ma'ani ana te rango meri 'okota'i, mei teta'i 0.5 grams rango, i roto i tona ora'anga.

- (c) E'ia i reira rango meri ka anoano'ia no te ma'ani i teta'i 8 grams rango?



te rango meri

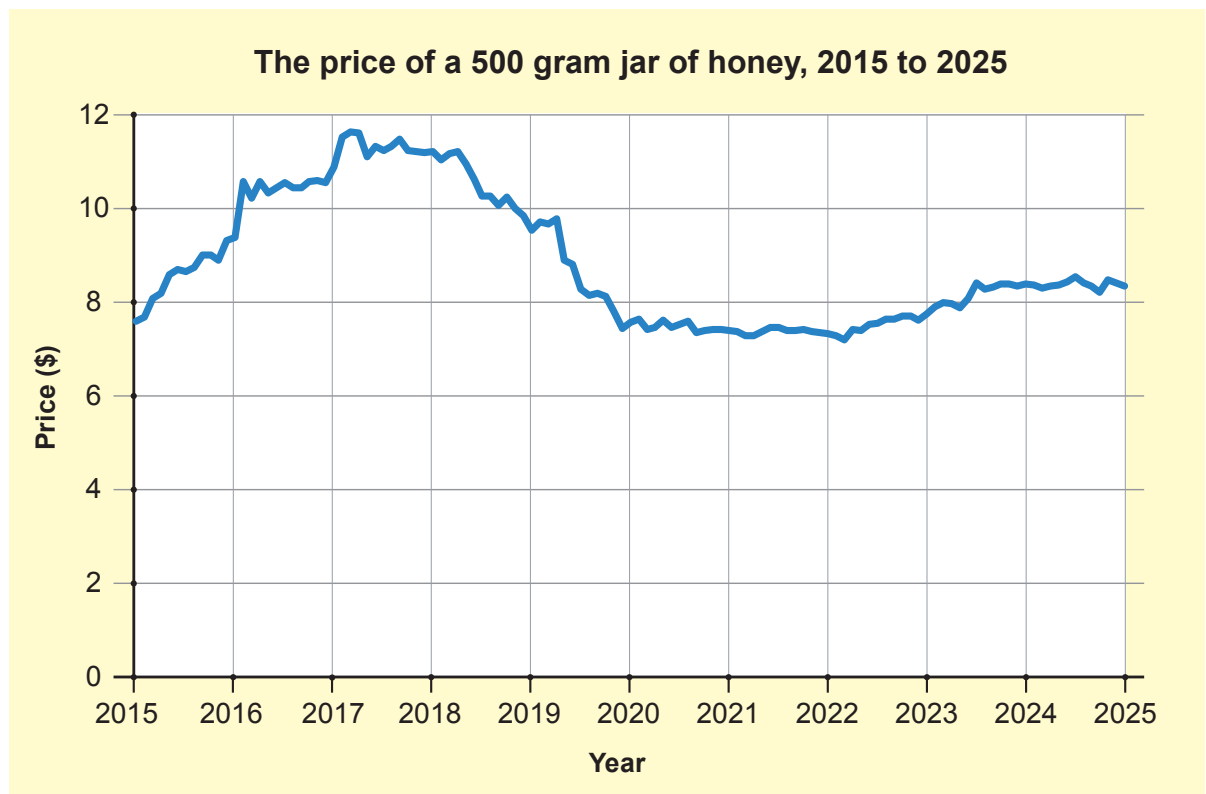


- (d) Ta'anga'anga'ia e toru au ra, e te au tutaki, mei roto mai i te graph. 'Akamarama mai i te tau'anga o te tutaki no teta'i 500 gram mo'ina rango, mei te mata'iti 2015 ki te 2025.

One honey bee makes about 0.5 grams of honey in its life.

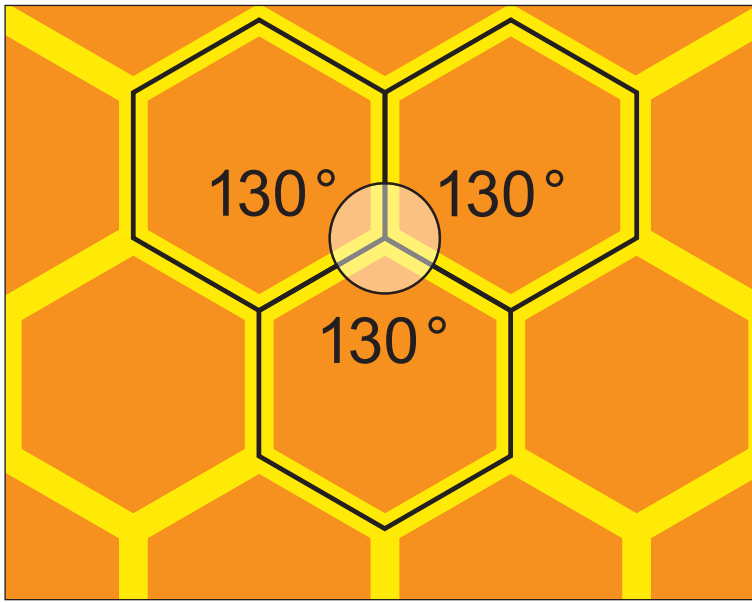
- (c) About how many bees are needed to make 8 grams of honey?

honey bees



- (d) Use **three** dates and prices from the graph. Describe how the price of a 500 gram jar of honey has changed from 2015 to 2025.

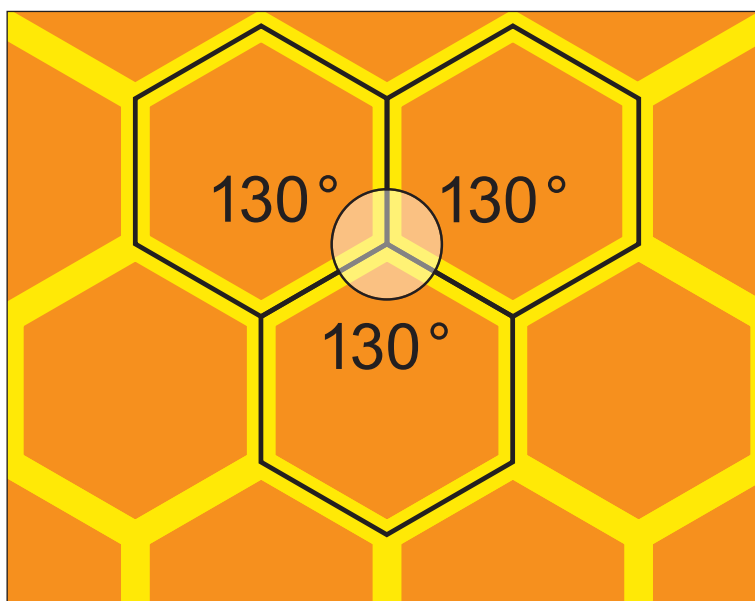
E ma'ani ana te rango meri i teta'i merikērio, mei te regular hexagons rāi.



- (e) Te karanga nei teta'i tangata 'ākono rango meri e, kia tano ki te 130° te vāito i te au 'a'ati'anga tatakita'i i roto i te merikērio.

Te 'akatika āinei koe? 'Akamārama mai i ta'au pa'u'anga na roto i te ta'anga'anga'anga i te au 'a'ati'anga.

Honey bees make a honeycomb of regular hexagons.



- (e) A beekeeper says that each angle in the honeycomb must measure 130° .

Do you agree? Explain your answer using angles.

I teta'i taime, e ma'ani ana te aronga 'akono rango meri i teta'i vai venevene no ta ratou rango meri.



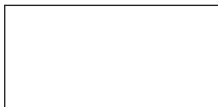
Te ko'anga rango meri

Te vai venevene

E ta'anga'anga ana teta'i tangata 'akono rango meri, i teta'i **rima** kapu tuka, no teta'i **rua** kapu vai, tatakitai.

(f) 'E'ia i reira kapu tuka, te ka anoano'ia, no teta'i iva kapu vai?

Tata'ia ta'au pa'u'anga ki roto i teta'i decimal.



te au kapu tuka

Beekeepers sometimes make a sweet syrup for their honey bees.



A beekeeper uses **five** cups of sugar for every **two** cups of water.

- (f) How many cups of sugar will be needed for nine cups of water?

Write your answer as a decimal.

cups of sugar

UI'ANGA RUA: Te tāmaka

Ka roa te tāmaka 'oro no teta'i 400 kilometres.

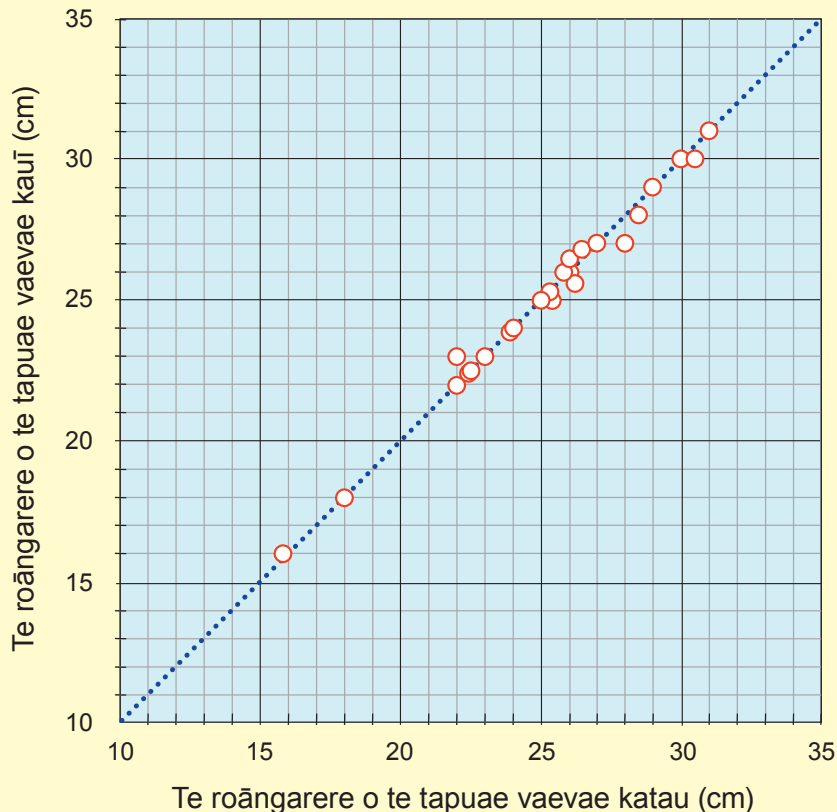
E 'oro ana teta'i tangata, no teta'i 10 kilometres, e rua taime i te 'epetoma.

- (a) 'Ē'ia 'epetoma i reira te ora'anga o tōna tāmaka?

'epetoma



Te roāngarere i te tapuae vaevae kauī, e te katau o teta'i pupu tauira i roto i te Mata'iti 'Āpi'i 10



Te karanga nei teta'i tangata e, e 'āiteite 'ua te roāngarere o te tapuae vaevae kauī, e te tapuae vaevae katau o te au tauira.

- (b) E tika āinei te 'akaāri'anga a te raina topatapata no teia tātā'anga? Ta'anga'anga'ia te 'akakitekite'anga mei roto mai i te graph, i te 'akamārama i ta'au pa'u'anga.

QUESTION TWO: Footwear

Running shoes can last about 400 kilometres.

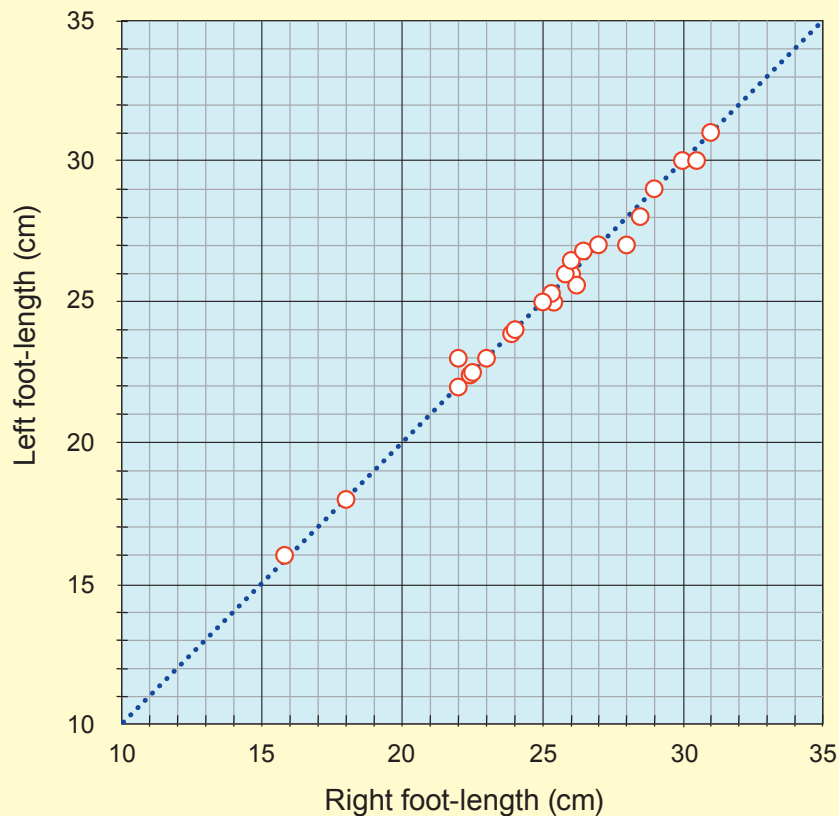
A person runs 10 kilometres, two times a week.

- (a) How many weeks should their shoes last?

weeks



Left and right foot-lengths of a class of Year-10 students



Someone says that students' left and right feet are about the same length.

- (b) Does the dotted line show that this statement is true? Use information from the graph to explain your answer.

Te ‘aka‘āite nei teia māpu i te au vāito tāmaka tāne i Paratāne (UK), e Iuropa (EU).

Te au vāito tāmaka	
Paratāne (UK)	Iuropa (EU)
5	39
6	40
7	41
8	42
9	43
10	44
11	45
12	46
13	47

- (c) Ko te‘ea te ‘akaue‘anga **pu‘apinga rava atu** no te tauī i te vāito‘anga **EU** ki roto i te vāito‘anga **UK** ?

‘Iki‘ia (✓) te pa‘u‘anga tano.

- (i) Kimi‘ia te square root o te au vāito‘anga EU ☐
- (ii) Vāvā‘ī‘ia te vāito EU ki te 4 ☐
- (iii) Vāvā‘ī‘ia te vāito EU ki te 8 ☐
- (iv) Kiriti‘ia teta‘i 30 mei te vāito‘anga EU ☐
- (v) Kiriti‘ia teta‘i 34 mei te vāito‘anga EU ☐

This chart compares United Kingdom (UK) and European (EU) sizes of men's shoes.

Shoe sizes	
UK	EU
5	39
6	40
7	41
8	42
9	43
10	44
11	45
12	46
13	47

(c) Which rule is the **best** to change EU sizing into UK sizing?

Select (✓) the correct answer.

(i) Find the square root of EU sizes

☐

(ii) Divide the EU size by 4

☐

(iii) Divide the EU size by 8

☐

(iv) Subtract 30 off the EU size

☐

(v) Subtract 34 off the EU size

☐

E 'oko-pātē ta teta'i toa 'oko-tāmaka. Me 'oko koe e rua pea tāmaka, ka 'āpa i reira te tutaki no te rua o te pea.



Ka 'inangaro koe i te 'oko e rua pea tāmaka, te ka 'āiteite 'ua te tutaki no te pea 'okota'i i te ma'ata'anga o te taime.

- (d) 'Ea'a i reira te 'āite'anga i teia, ka tāporoporo āinei koe i teta'i 50% o te katoa'anga o te tutaki?.

'Akamārama mai i ta'au pa'u'anga

A shoe shop has a deal. If you buy two pairs of shoes you get the second pair for half price.

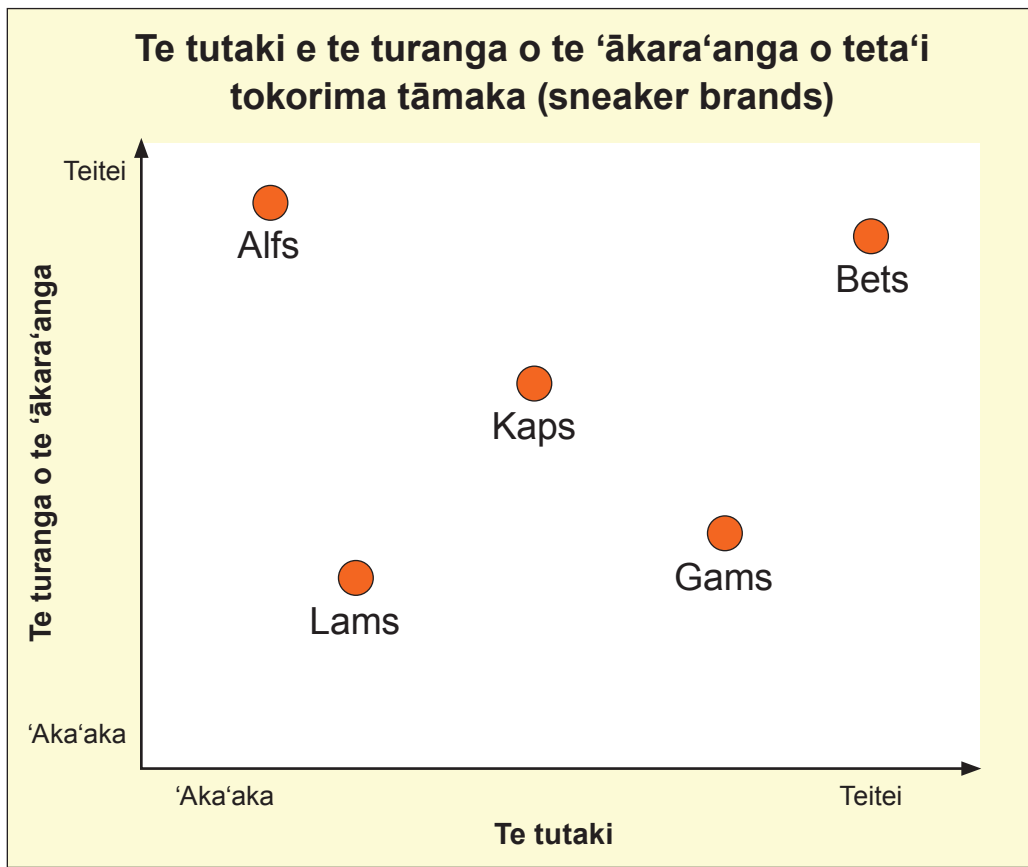


You want to buy two pairs of shoes that usually cost the same amount per pair.

- (d) Does this mean that you save 50% of the **total price**?

Explain your answer.

Te ‘akaāri mai nei teia māpu i te tutaki, e te ‘ākara‘anga o teta‘i toko-rima sneaker brands.

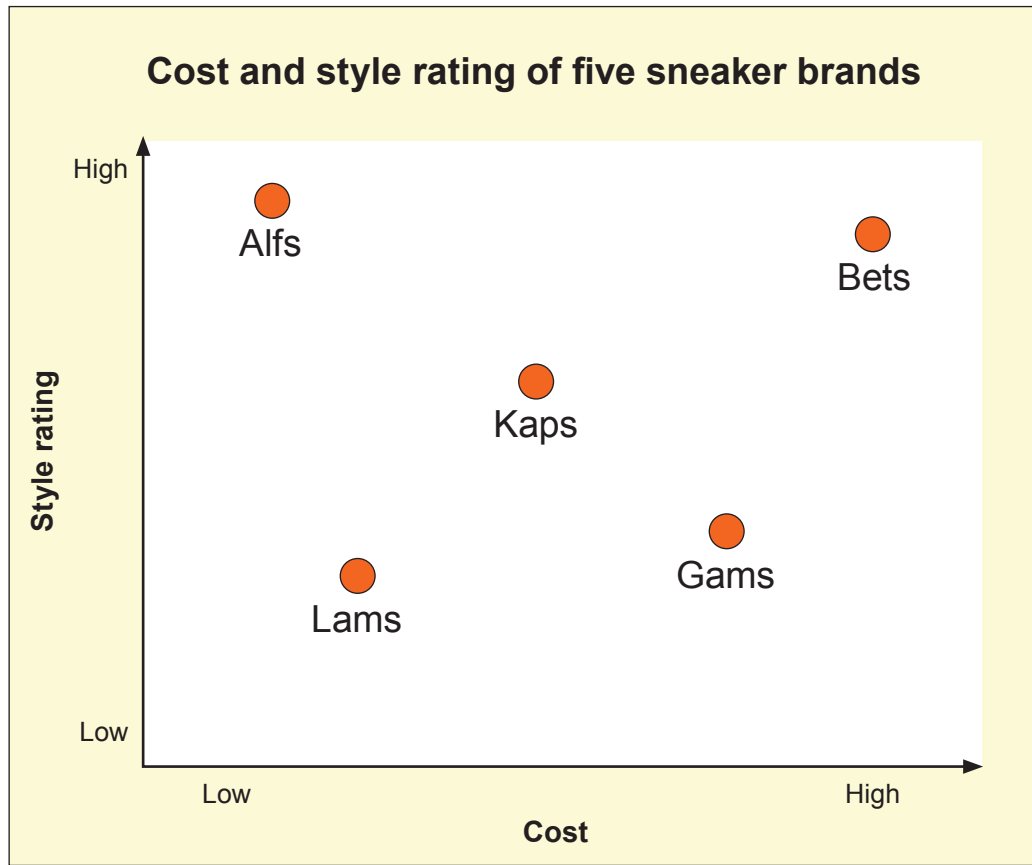


Te karanga nei teta‘i magazine article: “Te ‘iki‘anga numero ta‘i: *Bets* – ka‘ore atu, ināra, e āka moni.”

(e) Te ‘akatika āinei koe ki teia magazine?

Ta‘anga‘anga‘ia te ‘akakitekite‘anga mei roto mai i te graph, i te ‘akamārama i ta‘au pa‘u‘anga.

This graph shows the cost and style rating of five sneaker brands.

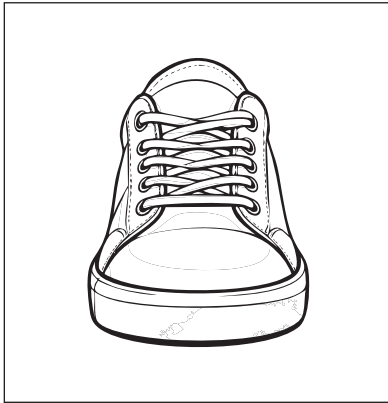


A magazine article states: “Top pick: *Bets* – stylish but come at a high cost.”

(e) Do you agree with the magazine?

Explain your answer using information from the graph.

Teia te 'ākara'anga ki mua, e te pae, o teta'i sneaker.



Mua



Pae

(f) Ko te'ea 'ākara'anga te 'akaāri mai nei, i taua sneaker rāi **mei runga mai**?

'Iki'ia (✓) te pa'u'anga tano.



(i)



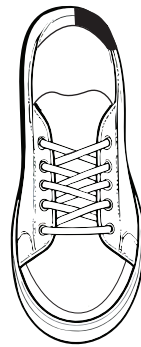
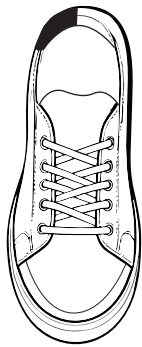
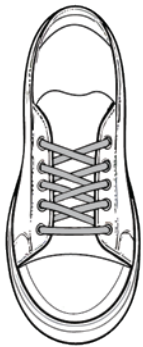
(ii)



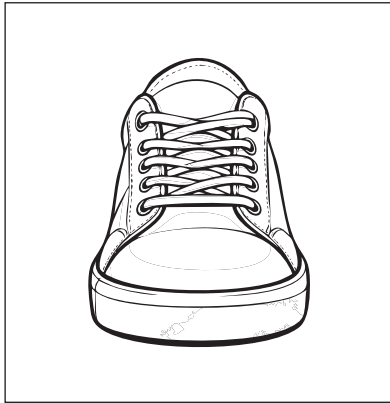
(iii)



(iv)



Here are the front and side views of a sneaker.



Front



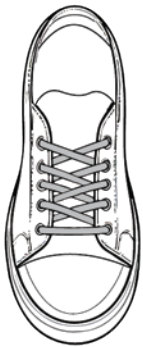
Side

- (f) Which view shows the same sneaker seen **from above**?

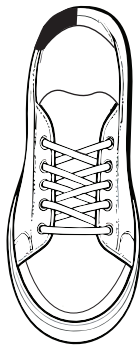
Select (✓) the correct answer.



(i)



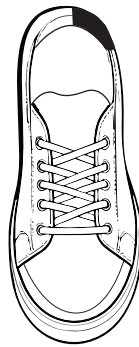
(ii)



(iii)



(iv)



UI'ANGA TORU: Tunutunu/Tunu-paka (barbecue)



Te karanga nei te terepōni e, mei te 20% te 'irinaki'anga e, ka ua.

Te karanga nei te rātio e "e 1 i roto i te 5" te 'irinaki'anga e ka ua.

(a) Te āiteite āinei te 'irinaki'anga a te terepōni, e te rātio e ka ua?

‘Akamārama mai i ta‘au pa‘u‘anga, na roto i te ta‘anga‘anga‘anga i te **fractions, me kore ra, i te patene.**

QUESTION THREE: Barbecue

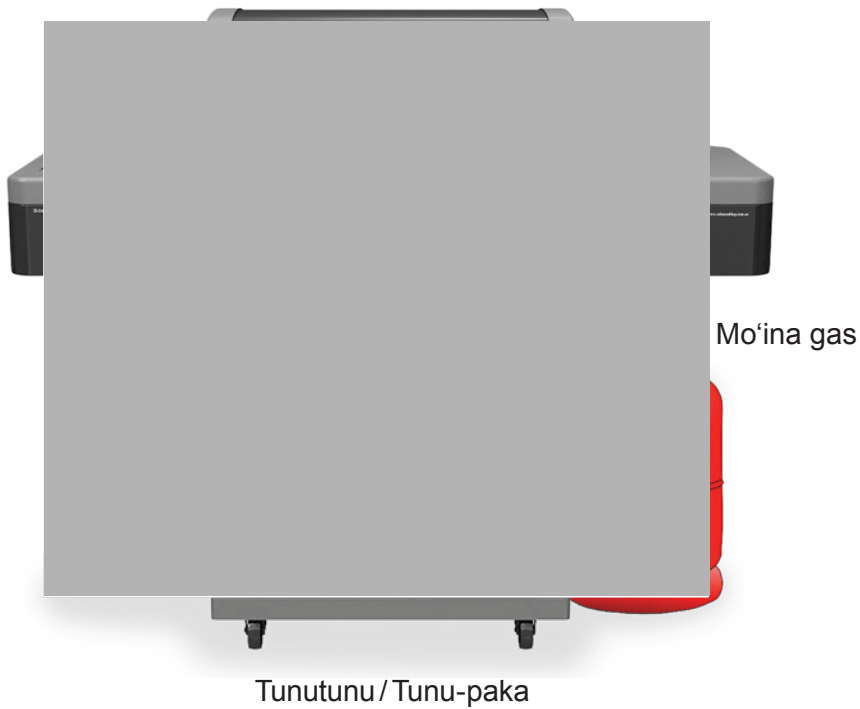


The phone says that there is a 20% chance of rain.

The radio says there is a “1 in 5” chance of rain.

- (a) Are the phone and radio both giving the same chance of rain?

Explain your answer using **fractions or percentages**.

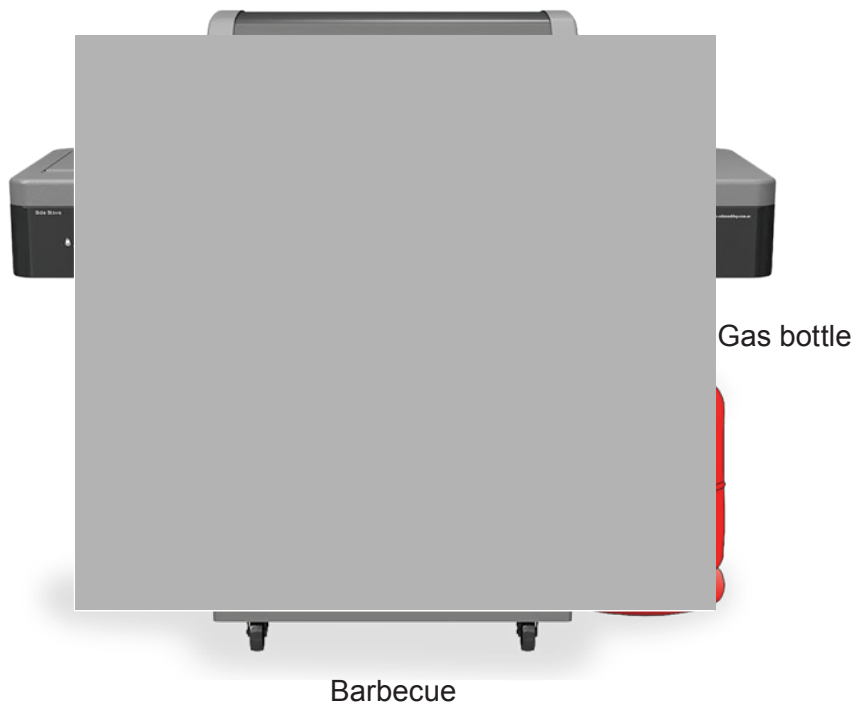


E ta'anga'anga ana te au burner tatakita'i, i teta'i 125 grams gas i te ora.

- (b) Me te ka ra nga burners e 'ā no teta'i rua ora, 'ea'a i reira te ma'ata o te gas tei ta'anga'anga'ia?

Tukuna mai ta'au pa'u'anga na roto i te grams.

 g



Each burner on this barbecue uses 125 grams of gas per hour.

- (b) If four burners are on for two hours, how much gas is used?

Give your answer in grams.

 g

Ka 'aere koe ki ko i te toa 'oko-kai, i te tiki tōtiti, e te vaevae moa (chicken drumsticks), no teta'i 33 tangata.



E \$150.00 ta'au no te kai-kiko.

Kua 'oko koe e 5 kg totiti, e 4 kg vaevae moa (drumsticks).

(c) 'Ēia i reira moni toe?

'Iki'ia (✓) te pa'u'anga pu'apinga rava atu.

- (i) \$25.00 ☐
- (ii) \$30.00 ☐
- (iii) \$50.00 ☐
- (iv) \$60.00 ☐
- (v) \$90.00 ☐

You go to the supermarket to get sausages and chicken drumsticks for 33 people.



You have \$150 for meat.

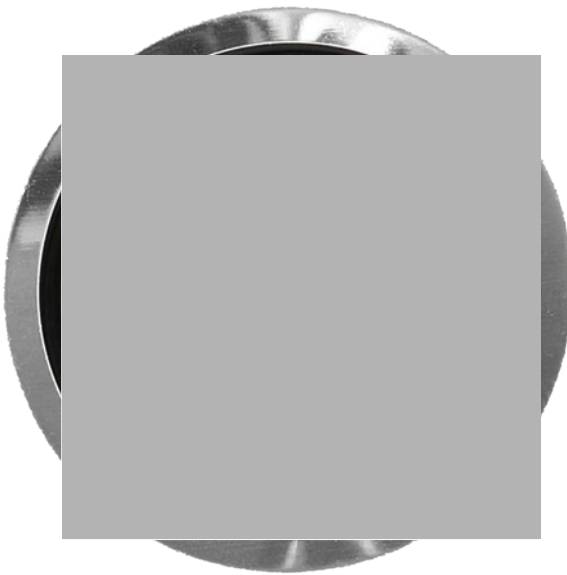
You buy 5 kg of sausages and 4 kg of drumsticks.

(c) About how much money is left?

Select (✓) the best answer.

- (i) \$25 ☐
- (ii) \$30 ☐
- (iii) \$50 ☐
- (iv) \$60 ☐
- (v) \$90 ☐

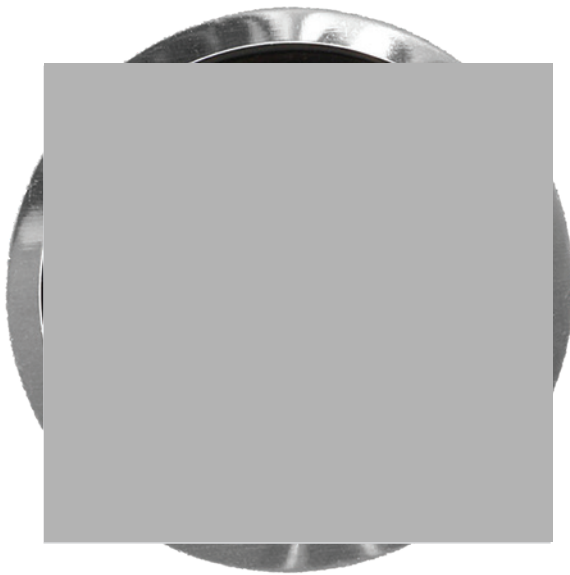
Te ‘akaāri mai nei te thermometer i te vera i roto i te degrees Celsius (°C) e te Fahrenheit (°F).



(d) ‘Ēia degree Celsius **toe** ka anoano te ‘āuri (barbecue) kia taeria te vera ki te 200°C?

 °C

This thermometer shows the temperature in degrees Celsius ($^{\circ}\text{C}$) and Fahrenheit ($^{\circ}\text{F}$).



- (d) How many **more** degrees Celsius does the barbecue need to heat up to reach 200°C ?

 $^{\circ}\text{C}$

Salad 'Uā-moa & te Pitete

500 g pitete

E 2 'uā-moa

125 mL mayonnaise

E 2 tipunu meangiti vinika teatea

E 4 tipunu ma'ata raurau 'ōniāni
tipupu'ia



Ka rava te 'akapapa'anga i runga ake nei, i te ma'ani salad no teta'i **ono** tangata.

(e) 'Ē'ia **'uā-moa** ka anoano koe i te ma'ani kia rava te salad no teta'i 33 tangata?

'uā-moa

Egg & Potato Salad

500 g potatoes

2 eggs

125 mL mayonnaise

2 tsp white vinegar

4 tbsp chopped green onion



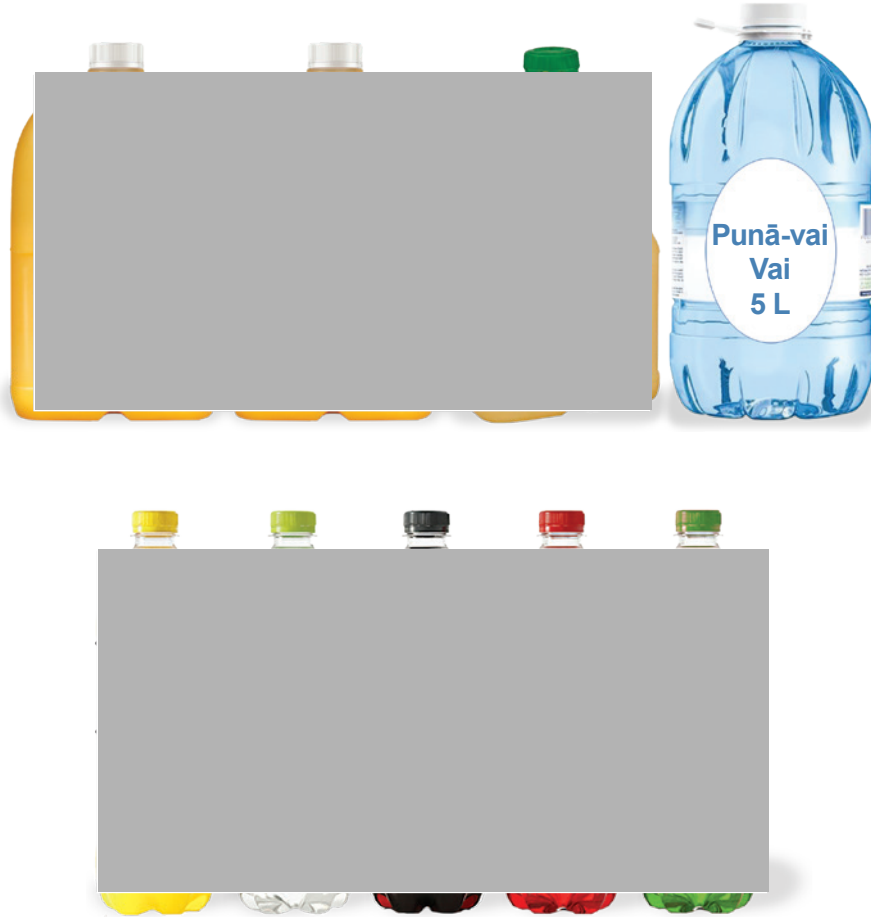
The recipe above makes enough salad for **six** people.

(e) How many **eggs** do you need to make enough salad for 33 people?

eggs

Te vai nei ki ko i te 'āuri tunutunu:

- E toru 3-litre mo'ina vai 'ānani e te āpara vai 'ua rākau
- E ta'i 5-litre mo'ina vai
- E rima 2.25-litre mo'ina soft drink.



Ka inu te tangata 'okota'i, mei te 750 millilitres.

(f) Ka rava āinei te mea inu, no te katoa'anga o te 33 tangata?

'Akaāri mai i ta'au rāvenga i te kimikimi'anga i ta'au pa'u'anga.

At the barbecue there are:

- Three 3-litre bottles of juice
- One 5-litre bottle of water
- Five 2.25-litre bottles of soft drink.



Each person will drink about 750 millilitres.

(f) Is there enough drink for all 33 people?

Show how you worked out your answer.

UI'ANGA 'Ā: Skateboards



Mei te 1 ki te 4, te tarē'anga (ratio) o te skateboarder va'ine, ki te skateboarder tāne, i roto i Aotearoa.

E 30,000 mapū tamariki e skateboard ana i roto i Aotearoa.

(a) 'Ē'ia **tāne** i roto 'ia ratou?

te au skateboarders tāne

I te ma'ata'anga o te taime, e 'oko'ia ana teia skateboard, no teta'i \$240.00.

Ka tutaki koe i teta'i \$180.00, me 'oko-pātē.

(b) 'Ea'a i reira te patene o te '**oko-pātē**?

%



QUESTION FOUR: Skateboards



The ratio of female to male skateboarders in New Zealand is 1 to 4.

30,000 young people skateboard in New Zealand.

(a) How many of them are **male**?

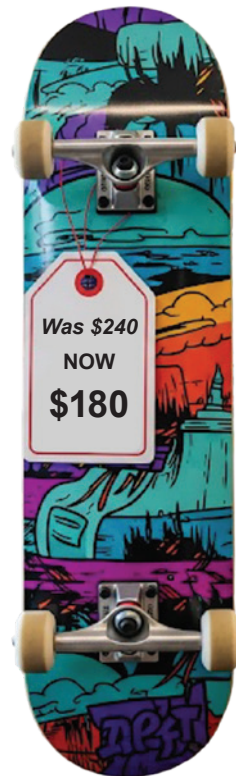
male skateboarders

This skateboard usually sells for \$240.

With a discount you only pay \$180.

(b) What percentage is the **discount**?

%



Te tere nei teta'i skateboarder, e 12 kilometres i te ora (km/h).

- (c) 'Ē'ia i reira **metres** e neke ana te skateboarder, i roto i te 'okota'i miniti?

 m


Te 'oko nei teta'i toa, i teta'i toko'ā board decks, tūkētūkē. E varu 'akapapa'anga (designs) tau te ka rauka i te tuku ki runga i teta'i 'ua atu o nga board decks, e 'ā.



Board decks



Au 'akapapa'anga

- (d) 'Ē'ia i reira au tu kā'iro'iro'anga tūkētūkē o te board deck, e te 'akapapa'anga (design)?

 au kā'iro'iro'anga

A skateboarder is moving at 12 kilometres per hour (km/h).

- (c) How many **metres** does the skateboarder move in one minute?

m



A shop sells four different board decks. There are eight possible designs that can be put on any of the four board decks.



Board decks

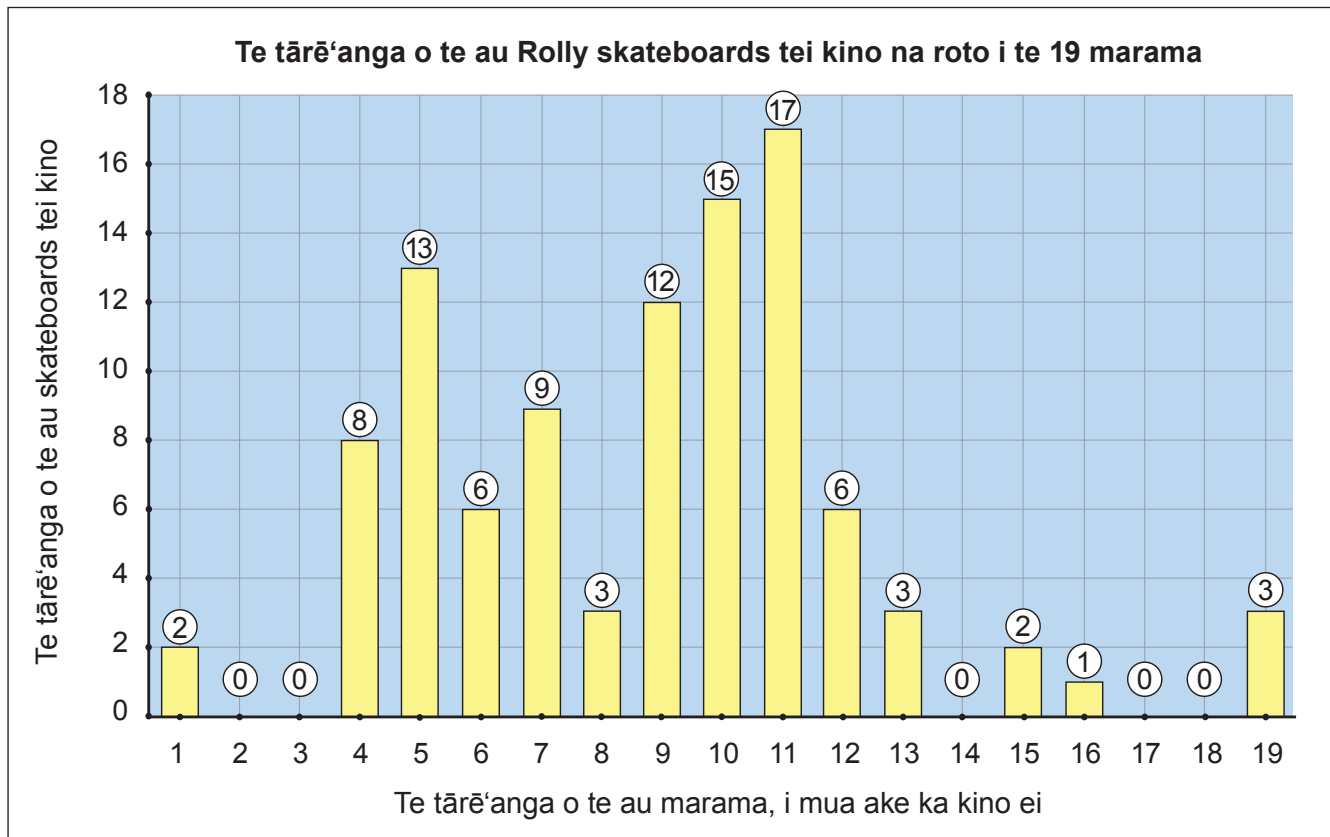


Designs

- (d) How many different combinations are there of board deck and design?

combinations

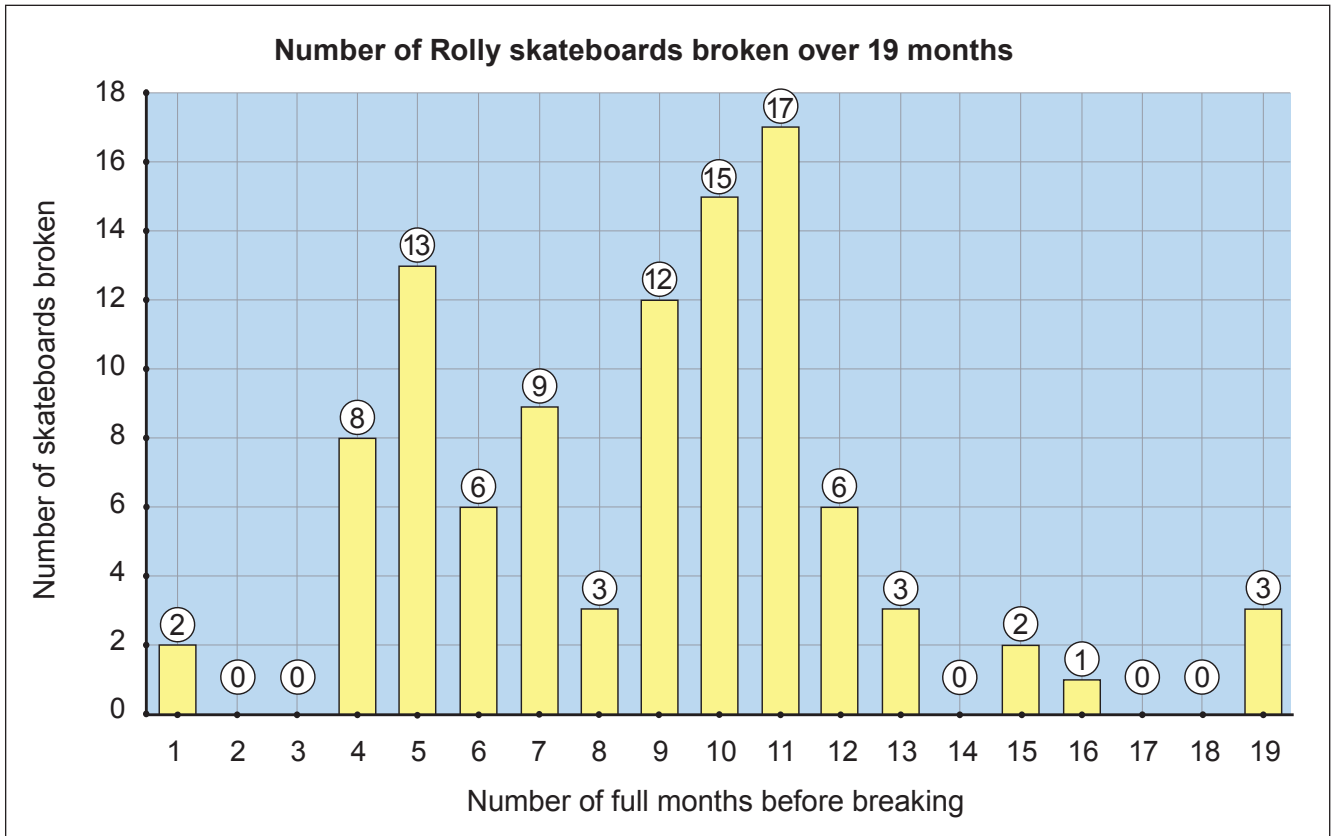
Te 'akaāri mai nei teia graph i te tāre'anga i te roa i roto i te au marama, i mua ake ka kino ei teta'i 100 Rolly skateboards.



Te karanga nei a Rolly e ka taeria teta'i **ono** marama, me kore ra, e tere atu i **teta'i toru kōta** **te roa** o ta ratou skateboards.

- (e) E tika āinei teia? Ta'anga'anga'ia te au numero mei roto i te graph, i te 'akamārama i ta'au pa'u'anga.

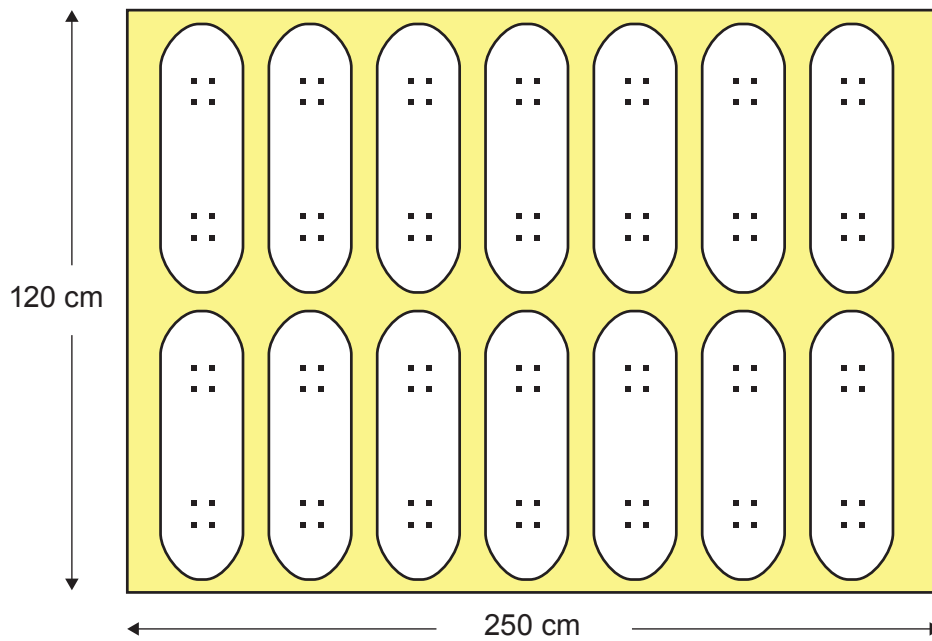
This graph shows how many months 100 Rolly skateboards lasted before breaking.



Rolly says **three-quarters** of their skateboards last **six** months or more.

(e) Is this true? Use numbers from the graph to explain your answer.

E ta'anga'anga'ia ana teta'i kapa (sheet) plywood i te ma'ani skateboard decks.



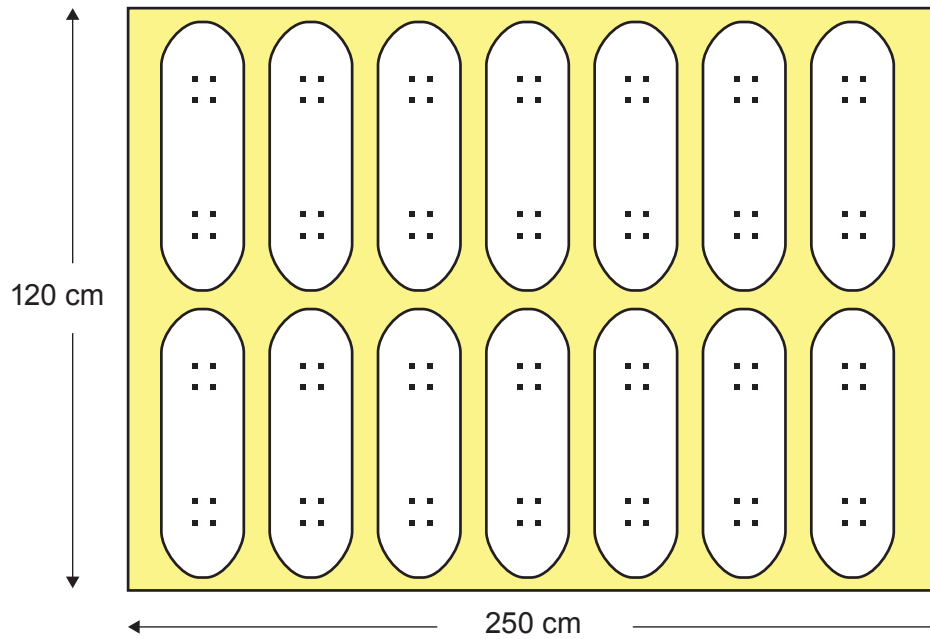
E 120 cm by 250 cm te vāito o te kapa.

Ka rūti teta'i 20% o te kapa i roto i te tipūpū'ia'anga.

(f) 'Ē'ia i reira square centimetres o te kapa tei rūti?

cm²

A sheet of plywood is used to make skateboard decks.



The sheet measures 120 cm by 250 cm.

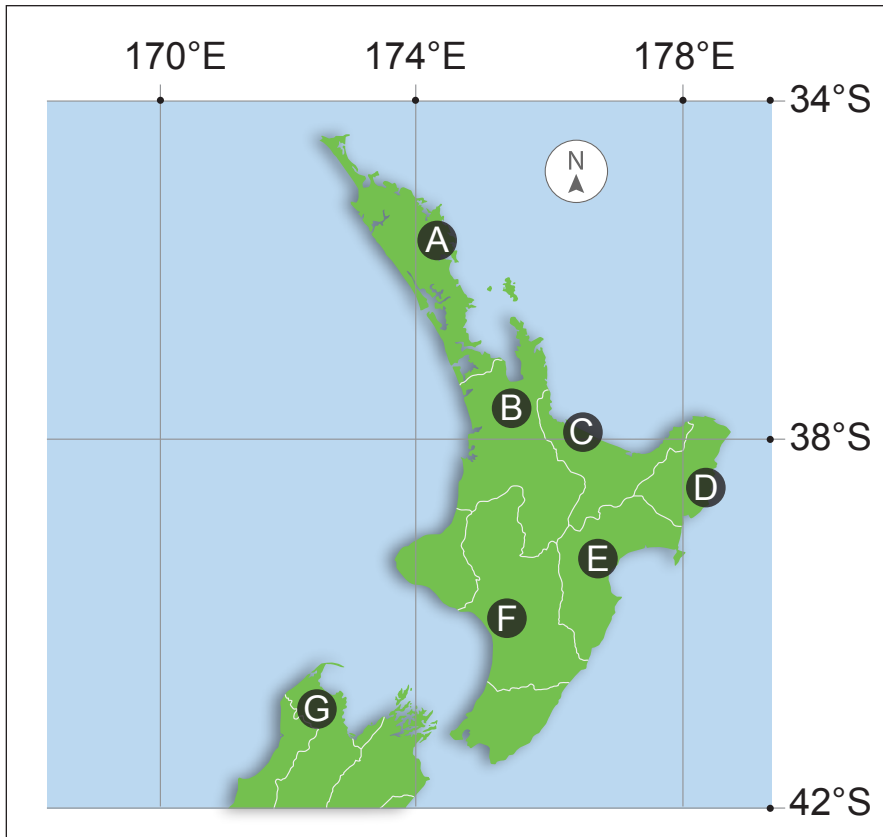
20% of the sheet is wasted in the cutting process.

(f) How many square centimetres of sheet are wasted?

cm²

UI'ANGA RIMA: Kiwifruit

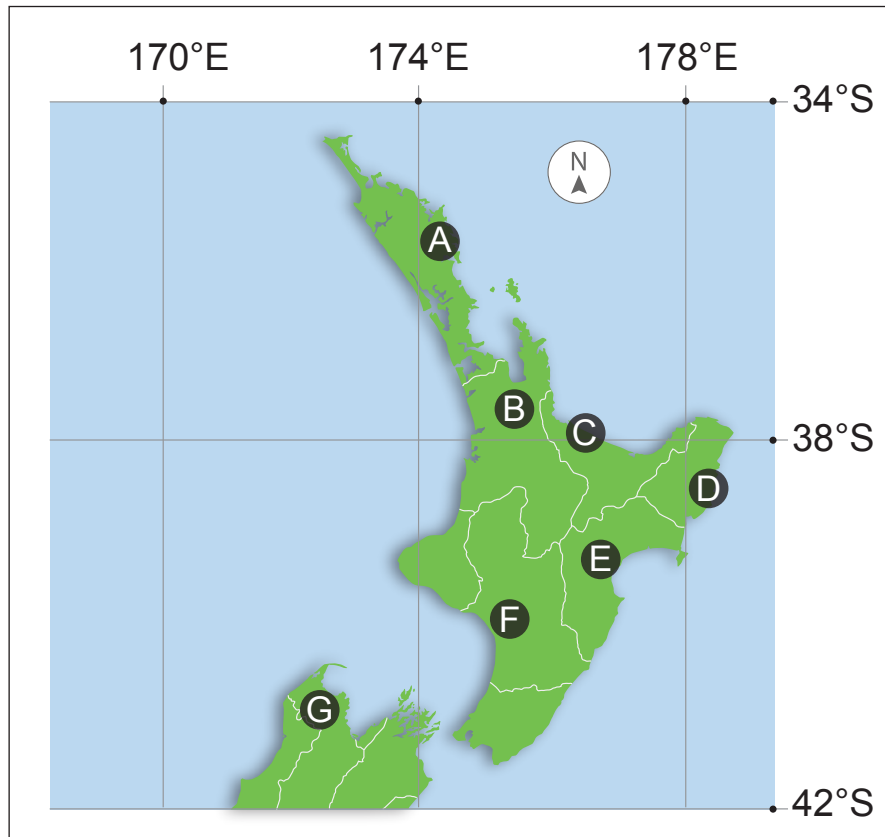
Te 'akaāri'ia mai nei te au ngā'i e tanu mā'ata 'ia ana te kiwifruit i roto i Aotearoa, na roto i te au reta tei runga i teia māpu.



(a) Ko te'ea **reta** i reira tei ko i te 36°S e te 174.5°E?

QUESTION FIVE: Kiwifruit

The main kiwifruit growing areas of New Zealand are shown as letters on this map.



- (a) Which **letter** is at about 36°S and 174.5°E?



Te 'oko'ia nei te golden kiwifruit no teta'i \$8.95 i te kilogram.

Ka 'oko koe e varu kiwifruit tei paunu katoatoa 'ia ki te 960 grams.

(b) 'Ea'a i reira ta'au ka tutaki i roto i te 10 tene vaitata rava atu?

\$

E 2.4 kilograms, te katoa'anga o te teima'a o teta'i 20 kiwifruit.

(c) 'Ea'a i reira te paunu avereti o te kiwifruit 'okota'i, i roto i te **grams**?

 g



Golden kiwifruit is selling at \$8.95 per kilogram.

You buy eight kiwifruit with a total weight of 960 grams.

- (b) How much do you pay **to the nearest 10 cents**?

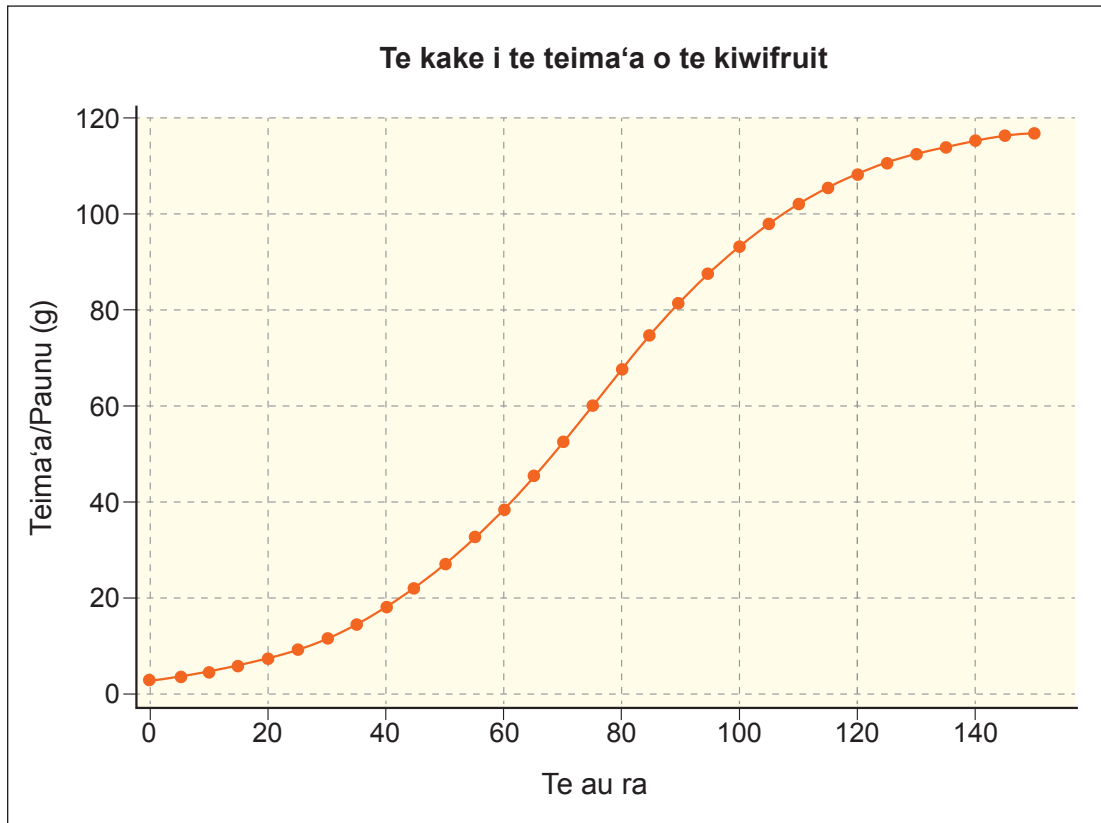
\$

The total weight of 20 kiwifruit is 2.4 kilograms.

- (c) What is the average weight of one kiwifruit, in **grams**?

g

Te 'akaāri mai nei teia graph i te tauī'anga i te teima'a o te kiwifruit, iāia e tupu mai ra.

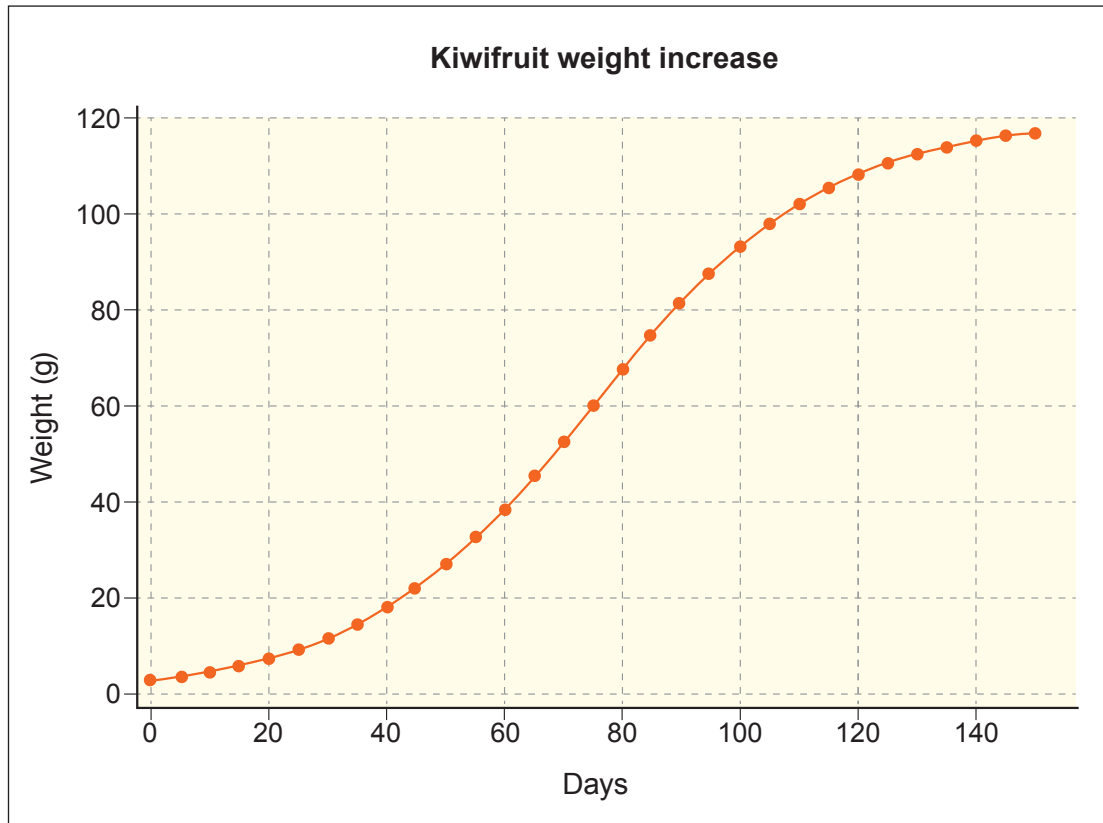


(d) Ko te'ea i reira te au ra, e kake viviki ana te paunu o te kiwifruit?

'Iki'ia (✓) te pa'u'anga tano.

- (i) Te au ra 120–150 ☐
- (ii) Te au ra 95–115 ☐
- (iii) Te au ra 60–90 ☐
- (iv) Te au ra 35–55 ☐
- (v) Te au ra 0–30 ☐

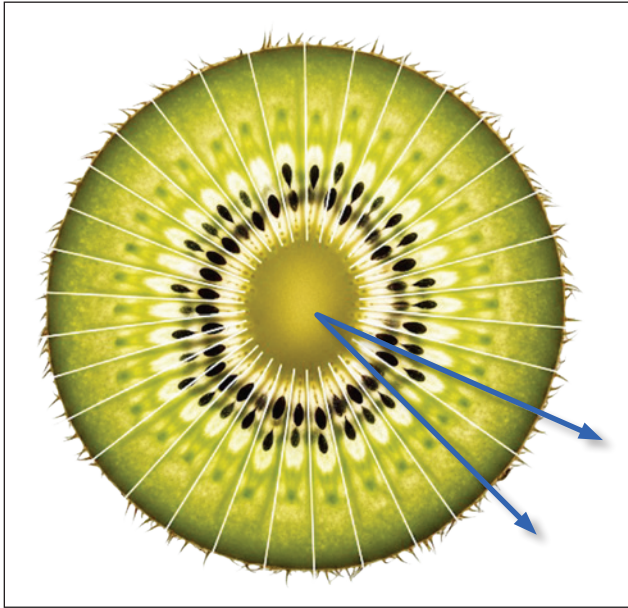
This graph shows how the weight of a kiwifruit changes as it grows.



(d) Between which days does the kiwifruit weight increase at the fastest rate?

Select (✓) the correct answer.

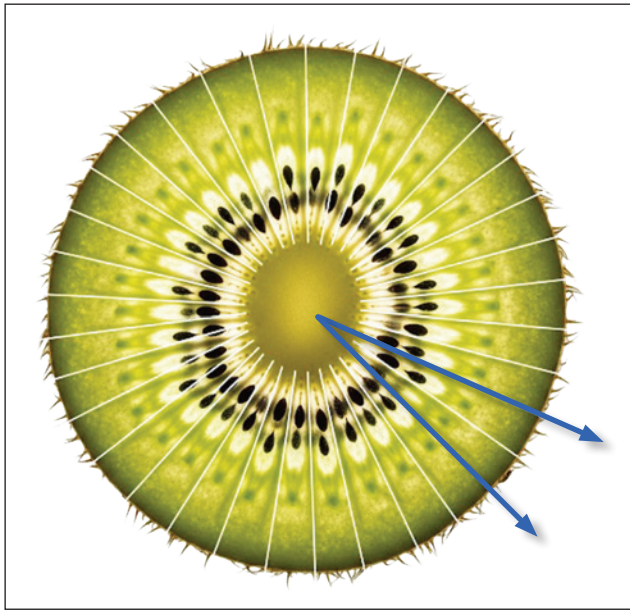
- (i) Days 120–150 ☐
- (ii) Days 95–115 ☐
- (iii) Days 60–90 ☐
- (iv) Days 35–55 ☐
- (v) Days 0–30 ☐



E 34 tu'anga 'āiteite i roto i te kotipi (slice) kiwifruit. E rua nga tu'anga e 'akaārī'ia mai nei, i rotopu i nga kakao auika.

- (e) Ea'a i reira te 'a'ati'anga avereti o nga tu'anga e rua, i roto i te degrees?

Neke'ia ta'au pa'u'anga, ki te **katoa'anga o te numero vaitata rava atu.**



This kiwifruit slice has 34 equal sections. Two sections are shown between the blue arrows.

- (e) What is the average angle of the two sections, in degrees?

Round your answer to the **nearest whole number**.

 °

Kua ui'ia ki te aronga tei 'aere mai i te 'oko kai, i te tu o te kiwifruit reka rava atu na ratou.



I teia 'ati'anga, teia te au 'iki'anga:

- Matie = 32
- 'Auro = 57
- Muramura = 71

(f) Me 'ākara tatou i teia au kite, ea'a i reira te 'irinaki'anga e, ka 'iki te tangata 'oko kai te ka āru mai, i te muramura?

Tukuna mai ta'au pa'u'anga ki roto i te **patene**. Neke'ia ta'au pa'u'anga, ki te **katoa'anga** o te **numero vaitata rava atu**.

 %

Shoppers are asked which kiwifruit they like the best.



So far, the votes are:

- Green = 32
- Golden = 57
- Red = 71

(f) Based on these results, what is the chance the next shopper will choose red?

Give your answer as a **percentage**. Round your answer to the **nearest whole number**.

 %

**Teta'i atu ngā'i ātea, me ka 'inangaro'ia.
Tātā'ia te numero (au numero) o te ui'anga me ka tau.**

TE NUMERO
O TE
UI'ANGA

Extra space if required.
Write the question number(s) if applicable.

QUESTION
NUMBER

He mihi

Kua whakahāngaitia ngā rawa i tangohia ai i ngā puna e whai ake nei hei whakamahinga i tēnei aromatawai:

Ui'anga Ta'i

- Kapi 2: Rango meri, <https://www.publicdomainpictures.net/en/view-image.php?image=613380&picture=isolated-honey-bee-cutout>
- Kapi 6: Rango, <https://www.pexels.com/photo/close-up-photo-of-a-honey-dipper-5634210/>
- Kapi 6: 'Akapapa'anga, <https://figure.nz/chart/WNZOpEoBKRYz4hBh-41hBBK14IE2epurA>
- Kapi 10: Ko'anga rango-meri, e te mo'ina rango, <https://www.motherearthnews.com/homesteading-and-livestock/sugar-syrup-recipe-for-feeding-bees-zbcz1403/>

Ui'anga Rua

- Kapi 12: Tāmaka-'oro, <https://pxhere.com/en/photo/673672>
- Kapi 16: Tāmaka-'ā'aere, <https://stock.adobe.com/images/shoes/36437082>
- Kapi 20: Te au 'ākara'anga o te tāmaka, tei 'anga'ia na roto i te ta'anga'anga'anga i te generative AI

Ui'anga Toru

- Kapi 22: Te ārai-terepōni, tei 'anga'ia na roto i te ta'anga'anga'anga i te generative AI
- Kapi 24: Tunutunu / Tunu-paka, <https://sydbbqs.com.au/products/coleman-revolution-4-burner-bbq-with-side-burner-black-gloss>
- Kapi 24: Mo'ina-gas, <https://www.rawpixel.com/image/6552169/image-public-domain-illustrations-line-art>
- Kapi 26: 'Akairo, <https://freerangestock.com/photos/136916/close-up-of-a-blank-wooden-framed-black-chalkboard.html>
- Kapi 28: Te 'apinga vāito i te vera / anu, https://www.alibaba.com/product-detail/Stainless-Steel-BBQ-Smoker-Grill-Thermometer_60693680366.html
- Kapi 30: Salad 'Uā-moa & te Pitete, <https://zestforcooking.com/2021/08/05/potato-and-egg-salad/>
- Kapi 30: Puka-tātā, <https://www.pickpik.com/notepad-booklet-paper-notebook-pad-text-121698>
- Kapi 32: Vai-āpara, <https://www.mustakshif.com/product/detail/9339687084944/woolworths-apple-juice-3l>
- Kapi 32: Āpara, <https://commons.wikimedia.org/wiki/File:Honeycrisp-Apple.jpg>
- Kapi 32: Vai-ānani, <https://www.woolworths.com.au/shop/productdetails/59237/daily-juice-co-orange-juice-no-added-sugar>
- Kapi 32: Au 'ānani, <https://commons.wikimedia.org/wiki/File:Orange-Fruit-Pieces.jpg>
- Kapi 32: Mo'ina vai-venevene, <https://liquid-library.co.nz/sprite-no-sugar-2-25l/>

Ui'anga Ā

- Kapi 34: E tamāroa te tupā'oro'oro ra i ko i te pāka-tupā'oro'oro, <https://www.pexels.com/photo/boy-jumping-and-skateboarding-at-skatepark-20162029/>
- Kapi 34: 'Āpinga tupā'oro'oro tei 'anga'ia, na roto i te ta'anga'anga'anga i te generative AI
- Kapi 36: Tangata tupā'oro'oro, <https://www.pexels.com/photo/a-person-in-beige-pants-using-a-skateboard-on-the-street-10111724/>
- Kapi 36: Te au papa-tupā'oro'oro, e te au 'akapapa'anga, tei 'anga'ia, na roto i te ta'anga'anga'anga i te generative AI

Ui'anga Rima

- Kapi 42: Māpu, [https://commons.wikimedia.org/wiki/File:Map_of_New_Zealand_\(blank\).svg](https://commons.wikimedia.org/wiki/File:Map_of_New_Zealand_(blank).svg)
- Kapi 44: 'Akaāriari'anga kiwifruit 'auro, tei 'anga'ia, na roto i te ta'anga'anga'anga i te generative AI
- Kapi 48: Te au potopotonga kiwifruit tei 'anga'ia, na roto i te ta'anga'anga'anga i te generative AI
- Kapi 50: Te au mo'ina kiwifruit tei 'anga'ia, na roto i te ta'anga'anga'anga i te generative AI

Acknowledgements

Material from the following sources has been adapted for use in this assessment:

Question One

- Page 3: Honey bee, <https://www.publicdomainpictures.net/en/view-image.php?image=613380&picture=isolated-honey-bee-cutout>
- Page 7: Honey, <https://www.pexels.com/photo/close-up-photo-of-a-honey-dipper-5634210/>
- Page 7: Graph, <https://figure.nz/chart/WNZOpEoBKRYz4hBh-41hBBK14IE2epurA>
- Page 11: Beehive with syrup jar, <https://www.motherearthnews.com/homesteading-and-livestock/sugar-syrup-recipe-for-feeding-bees-zbcz1403/>

Question Two

- Page 13: Running shoe, <https://pxhere.com/en/photo/673672>
- Page 17: Sneakers, <https://stock.adobe.com/images/shoes/36437082>
- Page 21: Shoe views, created using generative AI

Question Three

- Page 23: Phone screen, created using generative AI
- Page 25: Barbecue, <https://sydbbqs.com.au/products/coleman-revolution-4-burner-bbq-with-side-burner-black-gloss>
- Page 25: Gas cylinder, <https://www.rawpixel.com/image/6552169/image-public-domain-illustrations-line-art>
- Page 27: Sign, <https://freerangestock.com/photos/136916/close-up-of-a-blank-wooden-framed-black-chalkboard.html>
- Page 29: Thermometer, https://www.alibaba.com/product-detail/Stainless-Steel-BBQ-Smoker-Grill-Thermometer_60693680366.html
- Page 31: Egg and potato salad, <https://zestforcooking.com/2021/08/05/potato-and-egg-salad/>
- Page 31: Notebook, <https://www.pickpik.com/notepad-booklet-paper-notebook-pad-text-121698>
- Page 33: Apple juice, <https://www.mustakshif.com/product/detail/9339687084944/woolworths-apple-juice-3l>
- Page 33: Apple, <https://commons.wikimedia.org/wiki/File:Honeycrisp-Apple.jpg>
- Page 33: Orange juice, <https://www.woolworths.com.au/shop/productdetails/59237/daily-juice-co-orange-juice-no-added-sugar>
- Page 33: Oranges, <https://commons.wikimedia.org/wiki/File:Orange-Fruit-Pieces.jpg>
- Page 33: Soft drink bottle, <https://liquid-library.co.nz/sprite-no-sugar-2-25l/>

Question Four

- Page 35: Boy skateboarding at skatepark, <https://www.pexels.com/photo/boy-jumping-and-skateboarding-at-skatepark-20162029/>
- Page 35: Skateboard, created using generative AI
- Page 37: Skateboarder, <https://www.pexels.com/photo/a-person-in-beige-pants-using-a-skateboard-on-the-street-10111724/>
- Page 37: Board decks and designs, created using generative AI

Question Five

- Page 43: Map, [https://commons.wikimedia.org/wiki/File:Map_of_New_Zealand_\(blank\).svg](https://commons.wikimedia.org/wiki/File:Map_of_New_Zealand_(blank).svg)
- Page 45: Golden kiwifruit display, created using generative AI
- Page 49: Kiwifruit sections, created using generative AI
- Page 51: Kiwifruit jars, created using generative AI

English translation of the wording on the front cover

32406C TERM 2

Draw a cross through the box (☒)
if you have NOT written in this booklet

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Mana Tohu Mātauranga o Aotearoa
New Zealand Qualifications Authority

Numeracy 2026

32406C Apply mathematics and statistics in a range of everyday situations

Credits: Ten

WEEK TWO | 25–29 MAY 2026

OUTCOMES	
1	Formulate mathematical and statistical approaches to solving problems in a range of everyday situations.
2	Use mathematics and statistics to meet the numeracy demands of a range of everyday situations.
3	Explain mathematical and statistical responses to situations.

Enter your National Student Number (NSN) and School Code into the space above.

You should attempt ALL the questions in this booklet.

If you need more room for any answer, use the extra space provided at the back of this booklet.

Check that this booklet has pages 2–55 in the correct order and that none of these pages is blank.

Do not write in the margins (//////). This area will be cut off when the booklet is marked.

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