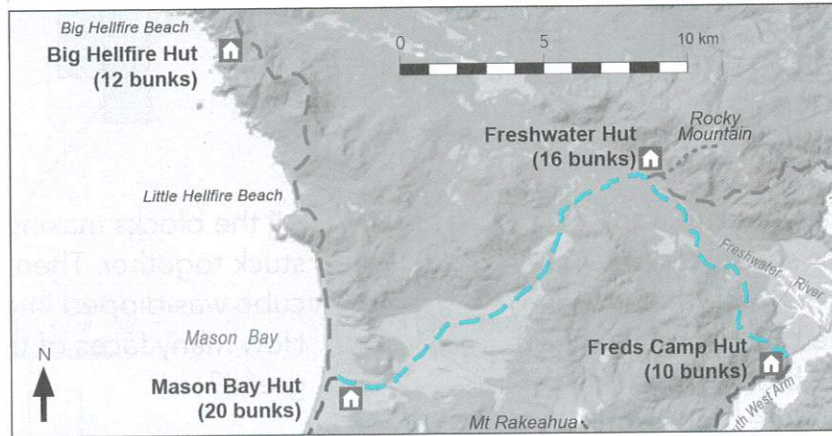


Practice 2

- 1 a Hana and her friends are tramping on Stewart Island. They are going to tramp from Mason Bay Hut to Freshwater hut.



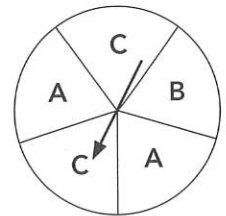
- a Use the scale on the map to estimate how many kilometres they will need to tramp. _____ km
- b In what general direction will they be tramping? _____
- c The distance from Freshwater Hut to Freds Camp Hut is 11 km. They estimate that they can tramp at 2.5 km/hour.

At that rate, how long will it take them to walk this section of the track?
Give your answer in hours and minutes.

_____ hours and _____ minutes

- 2 Isabelle spun this spinner 60 times.

Which table is most likely to show the results?



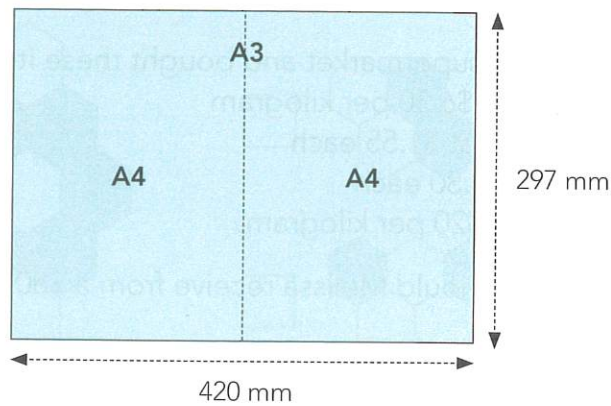
Letter spun	Number of spins
A	30
B	29
C	31

Letter spun	Number of spins
A	11
B	9
C	40

Letter spun	Number of spins
A	25
B	12
C	23

Letter spun	Number of spins
A	24
B	8
C	28

- 3 A piece of A3 paper is twice the size of a piece of A4 paper. The dimensions of an A3 piece of paper are 297 by 420 mm.



What is the area of a piece of **A4** paper?

- 124 740 mm² 31 185 mm² 1434 mm² 62 370 mm²

- 4 a What is the most accurate way of estimating the total cost of these four objects?



\$82



\$53



\$98



\$49

- $80 + 50 + 90 + 50$ $80 + 50 \times 2 + 90$
 $80 + 50 \times 2 + 100$ $80 + 50 + 100 + 40$

- b If the price of the handbag is reduced by 15%, calculate the reduced price. _____

- c A sign above the hoodie says 'Buy one, get one half price'. Nathan and Sam decide to buy two hoodies and have one each. If they split the cost equally, how much is each hoodie? _____

- 5 Maia cut a cake into 24 equal slices. She and her friend ate $\frac{3}{8}$ of the cake. How many slices were left? _____

- 6 Hone has several single socks in his drawer. He has 3 black ones, 2 rugby socks, 5 school socks and 1 orange one. What is the probability that, without looking, he pulls out a school sock? _____