

# JOIN THE DOTS PROPHETS:

When NING reappears in Auckland at the end of Season 1 of the RESET web series, she becomes the second prophet to join Justin. In total, twelve prophet children will be found around the world.

Complete the Geography 1 Activities first, then do some Maths with your results.

## Distance Maths:

Don't forget to write in your unit of measurement— kilometres (km)

- Justin starts in Auckland. He travels to Hong Kong to visit Ning. How far is Auckland from Hong Kong in kilometres? \_\_\_\_\_
- Together, they fly to Ayers Rock/Uluru in Australia. How far did they travel from Hong Kong to Uluru (direct not via planes)? \_\_\_\_\_
- Fill in the chart below with the EXACT distances from each prophet's home town to Auckland, New Zealand.



NUMBER	NAME	GENDER	LOCATION IN WORLD	EXACT DISTANCE TO AUCKLAND, NZ	ROUNDED DISTANCE TO AUCK, NZ
1	JUSTIN	BOY	AUCKLAND, NZ	0 km	0 km
2	NING	GIRL	HONG KONG		
3	BARINGA	BOY	ULURU, AUSTRALIA		
4	AKIKO	GIRL	KYOTO, JAPAN		
5	DAVI	BOY	RIO DE JANEIRO, BRAZIL		
6	WENONA	GIRL	STANDING ROCK, DAKOTA, USA		
7	ASIM	BOY	GABORONE, BOTSWANA		
8	RUNA	GIRL	BERGEN, NORWAY		
9	TURLOUGH	BOY	DUBLIN, IRELAND		
10	ILA	GIRL	JUNEAU, ALASKA		
11	KALANI	GIRL	KOHALA, HAWAII		
12	PRAKASH	BOY	TAJ MAHAL, INDIA		

# JOIN THE DOTS PROPHETS: **TEACHER ANSWER KEY**

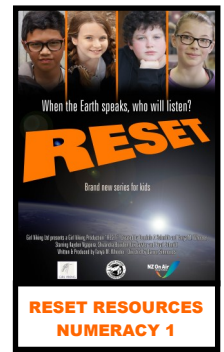
When NING reappears in Auckland at the end of Season 1 of the RESET web series, she becomes the second prophet to join Justin. In total, twelve prophet children will be found around the world.

Complete the Geography 1 Activities first, then do some Maths with your results.

## Distance Maths:

Don't forget to write in your unit of measurement— kilometres (km)

- Justin starts in Auckland. He travels to Hong Kong to visit Ning. How far is Auckland from Hong Kong in kilometres? \_\_\_\_\_ **9142.68 km** \_\_\_\_\_
- Together, they fly to Ayers Rock/Uluru in Australia. How far did they travel from Hong Kong to Uluru (direct not via planes)? \_\_\_ **5610 km** \_\_\_\_\_
- Fill in the chart below with the EXACT distances from each prophet's home town to Auckland, New Zealand.



NUMBER	NAME	GENDER	LOCATION IN WORLD	EXACT DISTANCE TO AUCKLAND, NZ	ROUNDED DISTANCE TO AUCK, NZ
1	JUSTIN	BOY	AUCKLAND, NZ	0 km	0 km
2	NING	GIRL	HONG KONG	<b>9,142.68 km</b>	<b>9143 km</b>
3	BARINGA	BOY	ULURU, AUSTRALIA	<b>4322 km</b>	<b>4322 km</b>
4	AKIKO	GIRL	KYOTO, JAPAN	<b>8944 km</b>	<b>8944 km</b>
5	DAVI	BOY	RIO DE JANEIRO, BRAZIL	<b>12,285 km</b>	<b>12285 km</b>
6	WENONA	GIRL	STANDING ROCK, DAKOTA, USA	<b>12,425.745 km</b>	<b>12426 km</b>
7	ASIM	BOY	GABORONE, BOTSWANA	<b>12,432 km</b>	<b>12432 km</b>
8	RUNA	GIRL	BERGEN, NORWAY	<b>17,281 km</b>	<b>17281 km</b>
9	TURLOUGH	BOY	DUBLIN, IRELAND	<b>18,169 km</b>	<b>18169 km</b>
10	ILA	GIRL	JUNEAU, ALASKA	<b>11,574.402 km</b>	<b>11574 km</b>
11	KALANI	GIRL	KOHALA, HAWAII	<b>7,045.708 km</b>	<b>7046 km</b>
12	PRAKASH	BOY	TAJ MAHAL, INDIA	<b>12,327 km</b>	<b>12327 km</b>

## Distance Maths continued:

Using the results on your chart, work out the following:

Don't forget to write in your unit of measurement— kilometres (km), and show your working out whenever possible.

- 4) Look at your distances. Some of them may have numbers after the decimal point.... See if you can round them all to WHOLE NUMBERS. Some will already be whole numbers so you won't have to do all of them.
- 5) Now add all of the rounded up whole numbers together to see how many thousands of kilometres the prophets will travel in RESET. \_\_\_\_\_
- 6) Count the number of boy and girl prophets. Give the number of girls as a percentage if you can. \_\_\_\_\_
- 7) Can you give a simplified fraction for the number of boy prophets? Ask your teacher if you are not sure how to simplify fractions. \_\_\_\_\_ or \_\_\_\_\_



## TRAVEL AROUND THE WORLD WITH THE PROPHETS:

- 1) Choose THREE places that prophets are from that you think it would be fun to travel to with Justin and his friends:

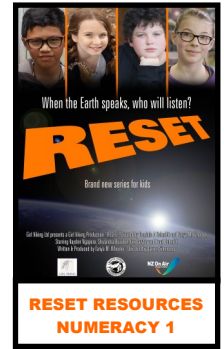
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- 2) Go to the website [www.expedia.co.nz](http://www.expedia.co.nz) and select the FLIGHTS ONLY section.
- 3) Choose ONE WAY trip.
- 4) You should be going from Auckland (AKL airport code) to your first choice. Type in your choice and find out the airport three-letter code. Eg AKL (Auckland) or SYD (Sydney) or LON (London). Choose a date to fly using the calendar and see how long your flight will be.
  - A) Write down how many hours and minutes for your flight. \_\_\_\_\_
  - B) Then write down how much your flight will cost. \_\_\_\_\_
- 5) Do the same for the next two flights. (Either go from AUCKLAND each time or go from one place to the next place on your list.) Record time and cost each time.
- 6) Add up how much your flights will cost in total: NZD\$ \_\_\_\_\_
- 7) Add up how LONG you will be sitting on planes for in total: \_\_\_\_\_ hours \_\_\_\_\_ minutes
- 8) Which do you think is quicker and cheaper? Flying by plane or being transported in a light bubble by an alien goddess? :) \_\_\_\_\_

# Distance Maths continued: **TEACHER ANSWER KEY**



Using the results on your chart, work out the following:

Don't forget to write in your unit of measurement— kilometres (km), and show your working out whenever possible.

- 4) Look at your distances. Some of them may have numbers after the decimal point.... See if you can round them all to WHOLE NUMBERS. Some will already be whole numbers so you won't have to do all of them.
- 5) Now add all of the rounded up whole numbers together to see how many thousands of kilometres the prophets will travel in RESET. 128,949 km
- 6) Count the number of boy and girl prophets. Give the number of girls as a percentage if you can. 50%
- 7) Can you give a simplified fraction for the number of boy prophets? Ask your teacher if you are not sure how to simplify fractions. 6/12 or 1/2

## TRAVEL AROUND THE WORLD WITH THE PROPHETS:

- 1) Choose THREE places that prophets are from that you think it would be fun to travel to with Justin and his friends:

\_\_\_\_\_ **These answers will vary**

\_\_\_\_\_

\_\_\_\_\_

- 2) Go to the website [www.expedia.co.nz](http://www.expedia.co.nz) and select the FLIGHTS ONLY section.
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- 8) Which do you think is quicker and cheaper? Flying by plane or being transported in a light bubble by an alien goddess? :) ALIEN GODDESS