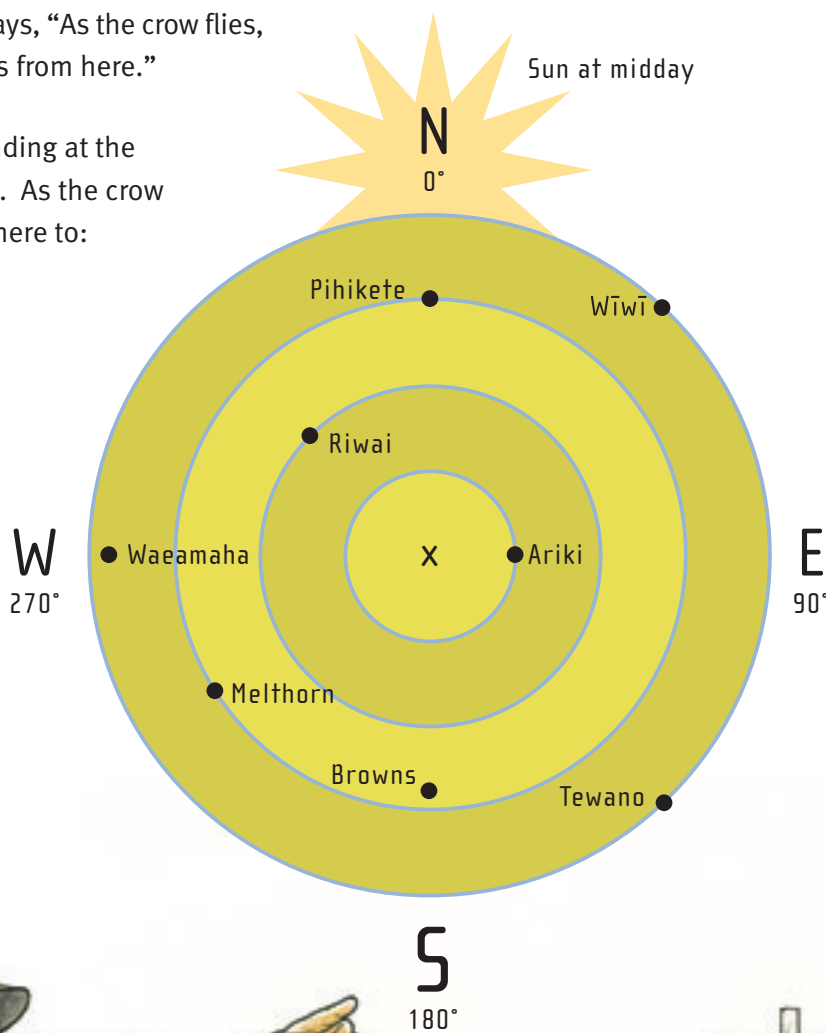


Crow Ks

ACTIVITY

Talor’s pōua (grandfather) says, “As the crow flies, Riwai is about 30 kilometres from here.”

1. Pōua and Talor are standing at the place marked with an X. As the crow flies, how far is it from here to:
 - a. Melthorn?
 - b. Wīwī?
 - c. Browns?
 - d. Waeamaha?





2. Talor knows that the sun is due north at midday.
Using this information, give compass directions for:
 - a. Browns
 - b. Pihikete
 - c. Riwai
 - d. Wīwī.

3. Which towns are equidistant from where Talor is standing?

4. North is 0° , and Ariki is at an angle of 90° clockwise from north. Work out the bearings for these towns:
 - a. Browns
 - b. Tewano
 - c. Melthorn
 - d. Waeamaha.

5. Imagine that there are straight roads to each of the towns from the point marked X. Use the information in the diagram to help you answer these questions:
 - a. Pōua and Talor travel to Ariki by car at a speed of 90 kilometres per hour. How long does it take them to get there?
 - b. It takes the car 36 minutes to travel to Wīwī. What speed were they doing?
 - c. To reach a particular town, they travel at 90 kilometres per hour for 30 minutes. Which town could this be?

6. In real life, why might their journeys take much longer?

Give compass directions like this: "55 km due west", or "30 km south-east".

Equidistant from means "the same distance from".

A *bearing* is the direction in degrees measured clockwise from north.

