




# I Can Do [Numeracy]

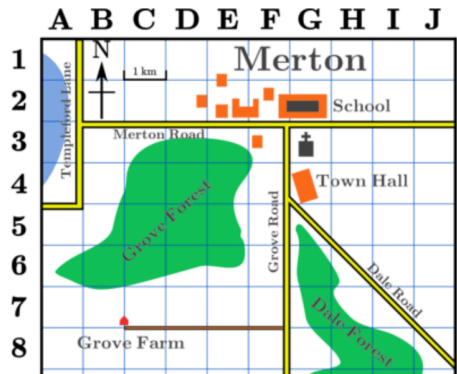
**MAKE A COPY OF THIS DOCUMENT**

This I can do sheet is based on the [Unpacking Numeracy](#) document and the NZC Maths elaborations and created by Laura Hunte an Auckland Mathematics teacher.

Content Ideas			
Operations on Numbers	Mathematical Relationships	Spatial Properties and Representation	Location and Navigation
Measurement	Statistics and Data	Elements of Chance	

Location and Navigation	
I can.....	Confidence
4.1 I can give (or follow) directions to get from one location to another using <b>distance</b> and <b>direction</b> using landmarks and compass directions (N, NE, E, SE, S, SW, W, NW).	  

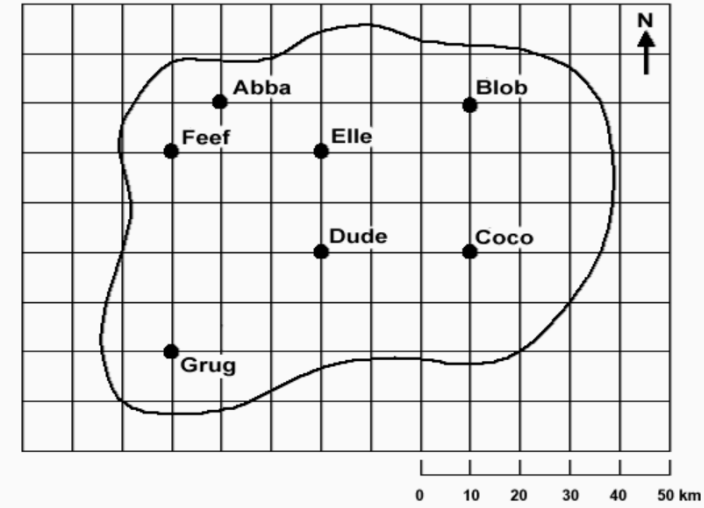
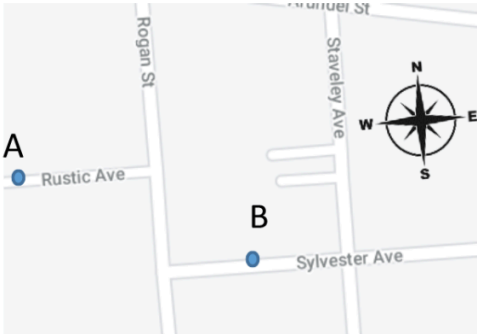
What building can be found **South West** of the church ?



Source: Education Perfect

For the town of Merton, what is the grid reference for the Town Hall?

Give directions for how to get from Point A on Rustic Ave to point B on Sylvester Ave.



Source: Assessment Resource Bank

Here is a map of the island of Zazz. Seven towns are marked on the map.

- a) What is the shortest distance from
- Abba to Blob? \_\_\_\_\_ km
  - Blob to Dude going through Coco? \_\_\_\_\_ km
  - Dude to Grug going through Elle and Feef of the way? \_\_\_\_\_ km

Draw a diagonal line From Elle and Grug on the map above.

- b) How far is it from Elle to Grug travelling along this line? \_\_\_\_ km

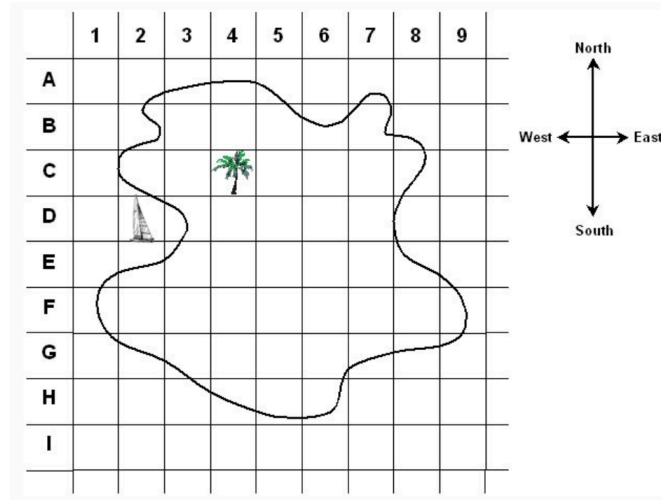
#### 4.2 I can use a coordinate system to describe locations

1. You have landed on the treasure island at C4.
2. To get to the treasure go 2 squares east, then 3 squares south.
3. Put a × in the square where the treasure is.
4. What are the coordinate numbers of that square? \_\_\_\_\_ , \_\_\_\_\_

Now you need to go to the boat.

5. Write down the way you would go to the boat using the points of the compass.

Source: Assessment Resource Bank



Which town is furthest south, and at what latitude?

Which town is furthest east, and at what longitude?



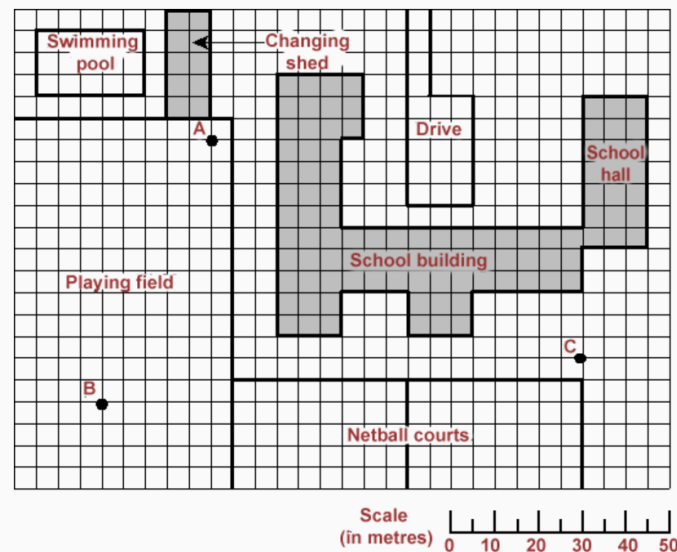
#### 4.3 I can estimate distance on a map using a scale.



- a) What is the length of the swimming pool?
- b) What is the total length of the two netball courts?
- c) How far would you run if you ran from A to B?

Give instructions to get from point A to B in the most efficient way possible. How far would you have to walk?

Source: Assessment Resource Bank



Use the scale on the map to estimate how many kilometres (km) the dotted line is.



Source: Numeracy CAA

