

- 1 The table shows the distances by road, in kilometres, between some towns in New Zealand.

For
Examiner's
Use

				Auckland	
			Hamilton	126	
		Napier	300	426	
	New Plymouth	415	242	368	
	Rotorua	319	229	109	235
Wellington	460	356	332	531	657

Write down the distance between Rotorua and Hamilton.

Answer 109 km [1]

- 2 Find the value of 1.47^3 .
Give your answer correct to 3 decimal places.

$$1.47^3 = 3.176523$$

$$\approx 3.177$$

Answer 3.177 [2]

- 3 The time in Lisbon is the same as the time in Funchal.
A plane left Lisbon at 0830 and arrived in Funchal at 1020.
It then left Funchal at 1255 and returned to Lisbon.
The return journey took 15 minutes more.

What time did the plane arrive in Lisbon?

$$\begin{array}{r}
 10.20 \\
 08.30 - \rightarrow 08.30 - \\
 \hline
 01.50
 \end{array}
 \quad
 \begin{array}{r}
 09.80 \\
 12.55 \\
 01.50 \\
 00.15 + \\
 \hline
 13.120 \\
 = 15.00
 \end{array}$$

Answer 15.00 [2]