

Huarahi Matua — Motorway

Approach: One to one

Focus: Approximate calculations.

Resources: Picture of busy motorway, recording book.



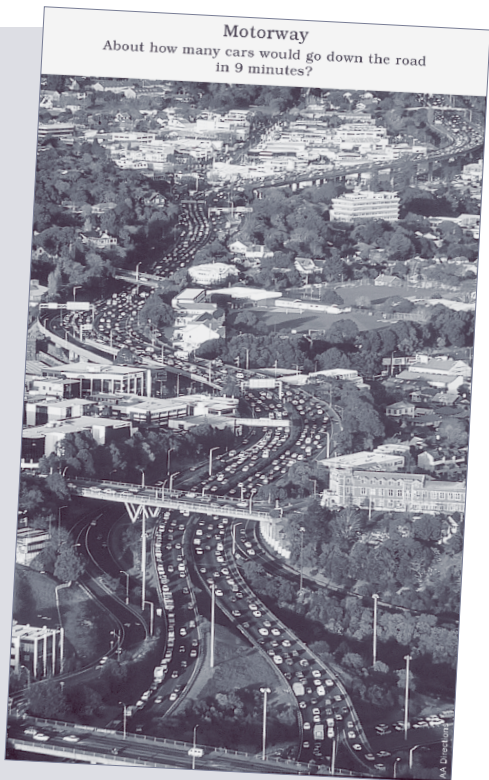
Questions/instructions

Show student photo.

This picture shows a busy motorway. During the day time, about 98 cars go down this road every minute.

Whakaaturia te whakaahua ki te ākonga.

Kei te whakaatu tēnei pikitia i tētahi huarahi matua takatū [busy]. Ia meneti o ia rā, tata ki te 98 ngā motokā ka haere mā tēnei huarahi.



1. About how many cars would go down the road in 9 minutes?

E hia rā ngā motokā ka haere mā tēnei huarahi i te 9 meneti?

% responses
GEd MI

882 18 11

900 8 7

any other answer between 850 and 899 14 0

2. Explain to me how you got your answer.

Whakamārama mai i pēhea tō mahi kia kitea te whakautu

multiply 98×9 47 58

multiply 100×9 , then subtract 9×2 3 0

multiply 100×9 , then say answer is a little less than that 1 3

multiply 100×9 , then say answer is near that 8 0

Commentary

The results achieved by Māori students in general education (GEd) settings and students in Māori immersion (MI) settings were not statistically significantly different.