

Car maintenance

This task is about comparing the different costs of two garages.

Two garages charge for repairs in different ways.

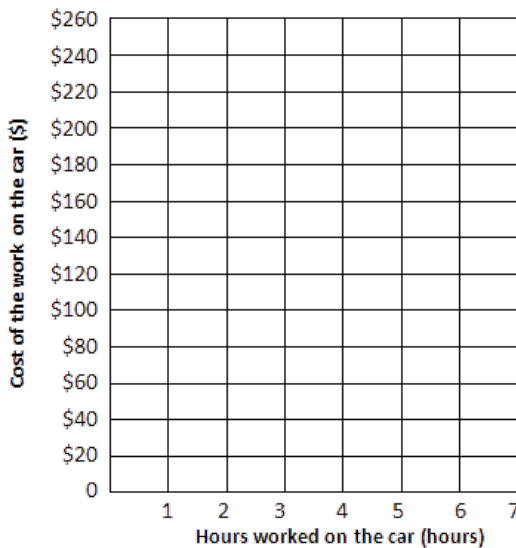
- Kakariki Garage charges a standard \$40 for a first look, and then \$30 per hour for servicing.
- Honore's Garage charges \$60 for the first look, and then \$25 per hour for servicing.

a) Complete the table below to work out the costs of each garage for the hours they work.

Garage	Hours worked on the car							
	1st look	1 hour	2 hours	3 hours	4 hours	5 hours	6 hours	7 hours
Kakariki	\$40	\$70	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
Honore's	\$60	\$85	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____

b) Use your results in the table above to draw and label a graph that shows the cost of using each garage over time (in hours).

Cost of work on the car by hours worked



Key

- Kakariki Garage
- - - Honore's Garage

c) Use the graph to help you explain when it's cheapest to use each garage.
