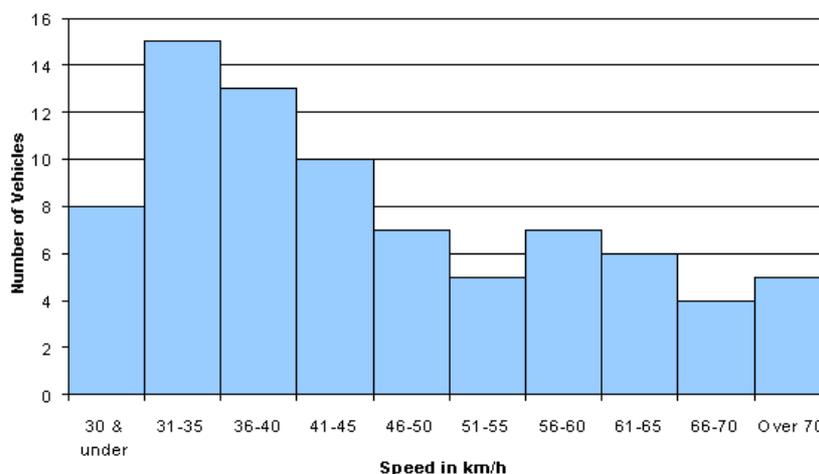# Vehicle speeds

This task is about reading information from graph.

Number of Vehicles Travelling at Different Speeds

A speed camera was on a road with a speed limit of 50 km/h. The graph above shows the speeds of 80 vehicles as they passed the camera.
Answer the following questions about this graph.

a)   How many vehicles were travelling within the speed limit? _____

b)   What **percentage** of vehicles were going faster than **30** km/h? _____ %

c)   If the police department allows a margin of error of 10 km/h before giving out a speeding ticket, how many drivers would receive a speeding ticket? _____

d)   The median speed of vehicles passing the camera is in which of these ranges?

   (**A**)   31-35 km/h
   (**B**)   36-40 km/h
   (**C**)   41-45 km/h
   (**D**)   46-50 km/h
   (**E**)   It is impossible to tell.

e)   One car passed the speed camera at 100 km/h. Why can you **not** tell this from the graph?

_____

f)   What are **two** problems with the way this histogram has been set up?

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