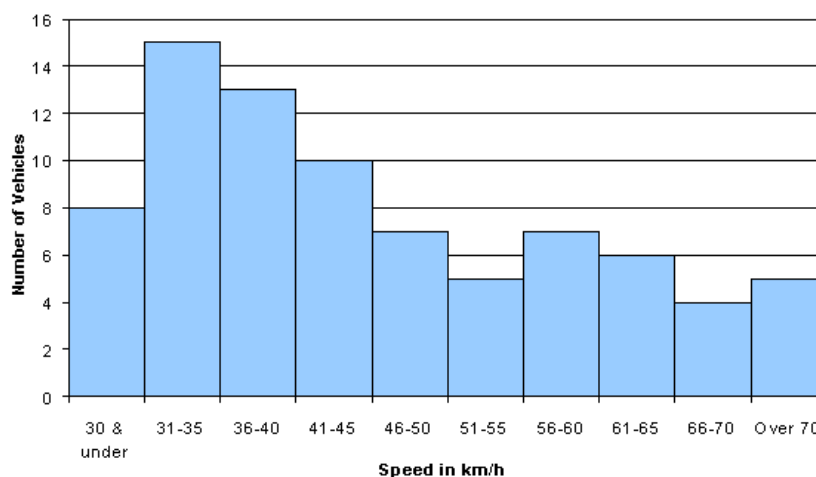


Vehicle speeds

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.

- How many vehicles were travelling within the speed limit? _____
- What **percentage** of vehicles were going faster than **30** km/h? _____ %
- 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? _____
- The median speed of vehicles passing the camera is in which of these ranges?
 - 31-35 km/h
 - 36-40 km/h
 - 41-45 km/h
 - 46-50 km/h
 - It is impossible to tell.
- One car passed the speed camera at 100 km/h. Why can you **not** tell this from the graph?

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

