

11th January



Corbettmaths

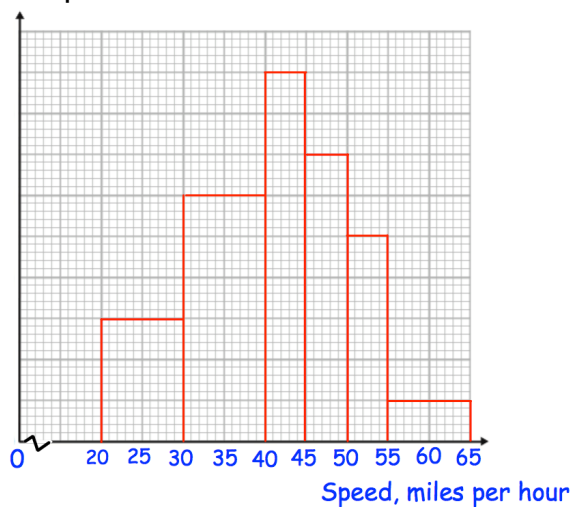
Simplify $\frac{(6x^{\frac{1}{2}})^3}{2x}$

Evaluate

$$\left(1 \frac{11}{25}\right)^{-\frac{1}{2}}$$

Solve $2x^2 - 5x + 3 < 0$

The histogram shows the speeds in miles per hour of 82 cars on a road.



14 cars were travelling over 50 mph.

Calculate an estimate of the number of cars that were travelling between 42 and 49 mph.