

TASK 8:

Complete the frequency densities.
The first one has been done for you.

mileage m	freq.	width	height f. d.
$240 \leq m < 280$	3	40	0.075
$280 \leq m < 320$	6	<input type="text"/>	<input type="text"/>
$320 \leq m < 340$	8	<input type="text"/>	<input type="text"/>
$340 \leq m < 360$	11	<input type="text"/>	<input type="text"/>
$360 \leq m < 380$	6	<input type="text"/>	<input type="text"/>
$380 \leq m < 420$	4	<input type="text"/>	<input type="text"/>
$420 \leq m < 460$	2	<input type="text"/>	<input type="text"/>

$$\text{area} = \text{width} \times \text{height}$$

So

$$\text{height} = \text{area} \div \text{width}$$

frequency (freq.)

density

$$= 3 \div 40$$

(freq.)

$$= \mathbf{0.075}$$