|  |
| --- |
| **Plotting Histograms** |
| **(a)** | **(b)** | **(c)** |
| Plot a histogram from the data shown in the table.

|  |  |  |
| --- | --- | --- |
| Height (cm) | Frequency | Frequency Density |
| $$0<h\leq 20$$ | $$24$$ | $$1.2$$ |
| $$20<h\leq 40$$ | $$32$$ | $$1.6$$ |
| $$40<h\leq 80$$ | $$44$$ |  |
| $$80<h\leq 90$$ | $$14$$ |  |

 | Plot a histogram from the data shown in the table.

|  |  |  |
| --- | --- | --- |
| Speed (mph) | Frequency | Frequency Density |
| $$0<s\leq 10$$ | $$5$$ |  |
| $$10<s\leq 35$$ | $$30$$ |  |
| $$35<s\leq 50$$ | $$24$$ |  |
| $$50<s\leq 70$$ | $$16$$ |  |

 | Plot a histogram from the data shown in the table.

|  |  |  |
| --- | --- | --- |
| Time (hours) | Frequency | Frequency Density |
| $$0<h\leq 4$$ | $$3$$ |  |
| $$4<h\leq 8$$ | $$5$$ |  |
| $$8<h\leq 16$$ | $$22$$ |  |
| $$16<h\leq 22$$ | $$15$$ |  |
| $$22<h\leq 25$$ | $$6$$ |  |

 |
|  |  |  |