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| **Plotting Frequency Polygons** |
| **(a)** | **(b)** |
| The table shows the speeds of 60 motorbikes on a road.

|  |  |
| --- | --- |
| Speed $s$ (mph) | Frequency |
| $$0<s\leq 10$$ | $$3$$ |
| $$10<s\leq 20$$ | $$11$$ |
| $$20<s\leq 30$$ | $$24$$ |
| $$30<s\leq 40$$ | $$15$$ |
| $$40<s\leq 50$$ | $$7$$ |

 | The table shows the number of pairs of shoes owned by 50 students.

|  |  |
| --- | --- |
| Number of Pairs of Shoes | Frequency |
| $$1-3$$ | $$6$$ |
| $$4-6$$ | $$16$$ |
| $$7-9$$ | $$18$$ |
| $$10-12$$ | $$7$$ |
| $$13-15$$ | $$3$$ |

 |
| Draw a frequency polygon to represent this information. | Draw a frequency polygon to represent this information. |