## Possible Solutions

An example of the frequency table students could create is shown below.

| Number of Books Read | Frequency | Relative Frequency |
| :---: | :---: | :---: |
| $5-9$ | 5 | 0.25 |
| $10-14$ | 6 | 0.3 |
| $15-19$ | 9 | 0.45 |
|  | Total | 20 |
| 1.0 |  |  |

The category they choose may differ, presenting different data for the table. For example, if they did 0-5, 6-10, 11-15, and 16-20 for their categories, the frequency and relative frequency would change as shown below.

| Number of Books Read | Frequency | Relative Frequency |
| :---: | :---: | :---: |
| $0-5$ | 3 | 0.15 |
| $6-10$ | 5 | 0.25 |
| $11-15$ | 4 | 0.2 |
| $16-20$ | 8 | 0.4 |
|  | Total | $\mathbf{2 0}$ |

