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## histuchrms

A histogram is a type of graph that displays data using bars. Histograms are similar to bar graphs, but they always display numerical data in equal groups, or bins.

Here's an example! A math tutor recorded his students' scores, out of 20 , on a quiz.

## $\begin{array}{llllllllll}14 & 17 & 18 & 11 & 9 & 12 & 16 & 19 & 18 & 13\end{array}$

Notice that the height of each bar on the histogram matches the number of values in each bin. For example, 4 students scored in the 10-14 range on the quiz.


## Complete the histogram for each data set.

1. Maria recorded the ages of the children she babysits.
$\begin{array}{llllllllll}3 & 9 & 2 & 4 & 4 & 5 & 7 & 2 & 7 & 6\end{array}$


2 Zac is training for a half marathon. He records the number of miles he runs each time he trains.
$\begin{array}{llllllllllll}11 & 13 & 9 & 14 & 3 & 12 & 15 & 7 & 9 & 8 & 10 & 10\end{array}$


3 A basketball coach recorded the number of shots each player made during practice.
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## HISTOCRAITS

## Complete the histogram for each frequency table.

4 Theo works at Pierre's Pizzas as a delivery driver. He recorded the number of pizzas he delivered to each household over the weekend.


5 Kira is keeping a log of how much she reads each week. She records the time she spends reading to the nearest hour.

| Number of Hours | Number of Weeks |
| :---: | :---: |
| 1 | 1 |
| 2 | 1 |
| 4 | 5 |
| 5 | 4 |
| 6 | 4 |
| 7 | 2 |
| 8 | 1 |



