



Cornell Notes

Topic: Shapes of Distributions: Lesson 10.3

Name: _____

Date: _____

Period: _____

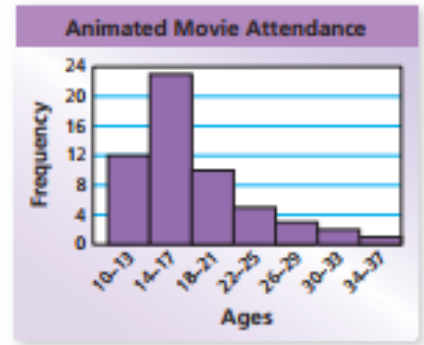
Essential Question: **How can you describe the shape of the distribution of a data set?**

Questions/Main Ideas:	Notes:																
<p>Vocabulary</p>	<p>Skewed Left- most data is on the right side of the tail</p>																
	<p>Symmetric- data is a mirror image on each side</p>																
	<p>Skewed Right- most data is on the left side of the tail</p>																
<p>Example 1</p>	<p>Describing the Shapes of Distributions</p>																
	<p>Describe the shape of each distribution.</p> <p>a. Daily Snowfall Amounts</p> <p>b. Passes Thrown</p>																
<p>Example 2</p>	<p>Describing the Shape of a Distribution</p>																
	<table border="1" data-bbox="581 1556 927 1902"> <thead> <tr> <th>Ages</th> <th>Frequency</th> </tr> </thead> <tbody> <tr> <td>10-13</td> <td>1</td> </tr> <tr> <td>14-17</td> <td>3</td> </tr> <tr> <td>18-21</td> <td>7</td> </tr> <tr> <td>22-25</td> <td>12</td> </tr> <tr> <td>26-29</td> <td>20</td> </tr> <tr> <td>30-33</td> <td>18</td> </tr> <tr> <td>34-37</td> <td>3</td> </tr> </tbody> </table>	Ages	Frequency	10-13	1	14-17	3	18-21	7	22-25	12	26-29	20	30-33	18	34-37	3
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Example 3 Comparing Shapes of Distributions

The histogram shows the ages of people watching an animated movie in the same theater as in Example 2.

a. Describe the shape of the distribution.



b. Which movie has an older audience?

Summary: **Students should write a summary reflecting the above essential question.**