

Directions: Fill in the blanks using the information from the chart.

Types of Graphs

Type of Graph	Example	When do I want to use this kind of graph?																		
A _____ presents data so that comparisons of different items can be made	<p>Favorite Sports of Students in Fifth Grade</p> <table border="1"> <thead> <tr> <th>Sport</th> <th>Number of Students</th> </tr> </thead> <tbody> <tr> <td>Basketball</td> <td>25</td> </tr> <tr> <td>Basketball</td> <td>20</td> </tr> <tr> <td>Gymnastics</td> <td>15</td> </tr> <tr> <td>Soccer</td> <td>28</td> </tr> <tr> <td>Tennis</td> <td>10</td> </tr> </tbody> </table>	Sport	Number of Students	Basketball	25	Basketball	20	Gymnastics	15	Soccer	28	Tennis	10	<ul style="list-style-type: none"> Used to compare the _____ of data Use a bar graph when you want to _____ 2 or more sets of data 						
Sport	Number of Students																			
Basketball	25																			
Basketball	20																			
Gymnastics	15																			
Soccer	28																			
Tennis	10																			
A _____ presents data on one item so that _____ and trends can be identified and comparisons can be made	<p>Russell's Height at 3-year interval</p> <table border="1"> <thead> <tr> <th>Age</th> <th>Height (in)</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>2</td> </tr> <tr> <td>6</td> <td>3</td> </tr> <tr> <td>9</td> <td>3.5</td> </tr> <tr> <td>12</td> <td>4</td> </tr> <tr> <td>15</td> <td>5</td> </tr> <tr> <td>18</td> <td>6</td> </tr> <tr> <td>21</td> <td>6.5</td> </tr> <tr> <td>24</td> <td>7</td> </tr> </tbody> </table>	Age	Height (in)	3	2	6	3	9	3.5	12	4	15	5	18	6	21	6.5	24	7	<ul style="list-style-type: none"> Use when you have _____ data Use when you want to show _____ over _____
Age	Height (in)																			
3	2																			
6	3																			
9	3.5																			
12	4																			
15	5																			
18	6																			
21	6.5																			
24	7																			
A _____ presents data using pictures or symbols	<p>Number of Trees Students Planted</p> <table border="1"> <thead> <tr> <th>Grade</th> <th>Number of Trees</th> </tr> </thead> <tbody> <tr> <td>Third Grade</td> <td>2</td> </tr> <tr> <td>Fourth Grade</td> <td>4</td> </tr> <tr> <td>Fifth Grade</td> <td>6</td> </tr> </tbody> </table> <p>Key: 1 tree = 2 Trees</p>	Grade	Number of Trees	Third Grade	2	Fourth Grade	4	Fifth Grade	6	<ul style="list-style-type: none"> Each picture or symbol represents and assigned amount of _____ The _____ tells the number that each picture or symbol represents Use when you have _____ amounts of data that is too big for a bar graph Use when you only have _____ to _____ categories 										
Grade	Number of Trees																			
Third Grade	2																			
Fourth Grade	4																			
Fifth Grade	6																			
A _____ shows how _____ are related to the _____	<p>Most popular sports at Cove Elementary School.</p> <table border="1"> <thead> <tr> <th>Sport</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Soccer</td> <td>30%</td> </tr> <tr> <td>Track</td> <td>25%</td> </tr> <tr> <td>Basketball</td> <td>20%</td> </tr> <tr> <td>Gymnastics</td> <td>20%</td> </tr> <tr> <td>Baseball</td> <td>5%</td> </tr> </tbody> </table>	Sport	Percentage	Soccer	30%	Track	25%	Basketball	20%	Gymnastics	20%	Baseball	5%	<ul style="list-style-type: none"> Use when you want to show how a _____ amount of data is _____ into parts Can be used to show _____ Use when you have _____ to _____ categories 						
Sport	Percentage																			
Soccer	30%																			
Track	25%																			
Basketball	20%																			
Gymnastics	20%																			
Baseball	5%																			
A _____ is a bar graph that shows the frequency of equal _____ of data	<p>Frequency of Height in 4 Year Old Males</p> <table border="1"> <thead> <tr> <th>Height (in cm)</th> <th>Frequency</th> </tr> </thead> <tbody> <tr> <td>105-114</td> <td>1</td> </tr> <tr> <td>115-124</td> <td>8</td> </tr> <tr> <td>125-134</td> <td>8</td> </tr> <tr> <td>135-144</td> <td>1</td> </tr> </tbody> </table>	Height (in cm)	Frequency	105-114	1	115-124	8	125-134	8	135-144	1	<ul style="list-style-type: none"> Different than a bar graph because it uses _____ instead of individual numbers and the _____ The _____ must not _____ Good to use with _____ data (ex: weight, height, time, etc) 								
Height (in cm)	Frequency																			
105-114	1																			
115-124	8																			
125-134	8																			
135-144	1																			