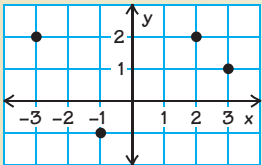


4 Study Help

You can use a **comparison chart** to compare two topics. Here is an example of a comparison chart for domain and range.

	Domain	Range										
Definition	the set of all possible input values	the set of all possible output values										
Algebra Example: $y = mx + b$	x-values	corresponding y-values										
Ordered pairs Example: $(-4, 0)$, $(-3, 1)$, $(-2, 2)$, $(-1, 3)$	$-4, -3, -2, -1$	$0, 1, 2, 3$										
Table Example: <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td>x</td> <td>-1</td> <td>0</td> <td>2</td> <td>3</td> </tr> <tr> <td>y</td> <td>1</td> <td>0</td> <td>4</td> <td>9</td> </tr> </table>	x	-1	0	2	3	y	1	0	4	9	$-1, 0, 2, 3$	$0, 1, 4, 9$
x	-1	0	2	3								
y	1	0	4	9								
Graph Example: 	$-3, -1, 2, 3$	$-1, 1, 2$										

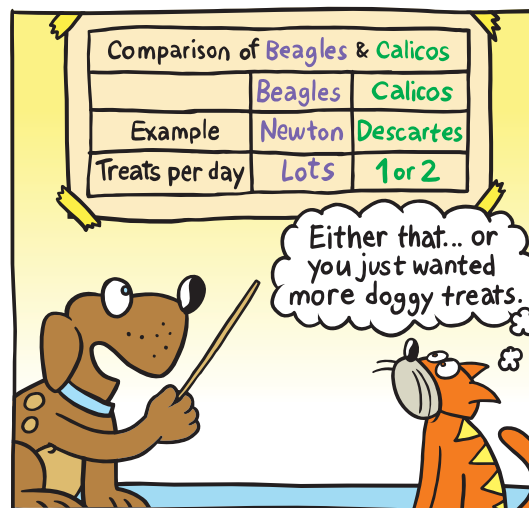
On Your Own

Make a comparison chart to help you study and compare these topics.

- discrete data and continuous data

After you complete this chapter, make comparison charts for the following topics.

- linear functions with positive slopes and linear functions with negative slopes
- linear functions and nonlinear functions



"Creating a comparison chart causes canines to crystalize concepts."