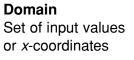
I	Name _		Date	Class	
Γ	LESSON	Reteach			
	1-6	Relations and Functions			
	A relat	tion pairs input values (x) and output values (y	<i>').</i>		
			_		



Range Set of output values or *y*-coordinates

List domain and range elements from least to greatest.

Soccer Registration						
1996	1998	2000	2002	2004		
56	82	95	136	212		
Domain: {1996, 1998, 2000, 2002, 2004} Set of x-coordinate   Range: {56, 82, 95, 136, 212} Set of y-coordinate						
The domain of a set of ordered pairs is the <i>x</i> -coordinates. The range is the <i>y</i> -coordinates. Each value is listed only once.						
For the graph at right:						
	1996 56 2000, 2 6, 212} ordere range	1996   1998     56   82     2000, 2002, 20   20     6, 212}   ordered pairs range is the	1996 1998 2000   56 82 95   2000, 2002, 2004} S   6, 212} S   ordered pairs is range is the	1996 1998 2000 2002   56 82 95 136   2000, 2002, 2004} Set of x   6, 212} Set of y   ordered pairs is range is the	1996 1998 2000 2002 2004   56 82 95 136 212   2000, 2002, 2004} Set of x-coordir   6, 212} Set of y-coordir   ordered pairs is range is the	

Domain: {-4, -2, 0, 2, 4}; Range: {0, 2, 3}

## Give the domain and range for each relation.

1.	Concert Ticket Price							
	Year	2001	2002	2003	2004	2005		
	Price (\$)	25	28	35	42	46		

Domain: {2001, \_\_\_\_\_

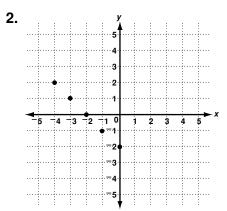
Range: {25, \_\_\_\_\_

4 30 2

-1 0

--1 --2 --3 --4 --5 2

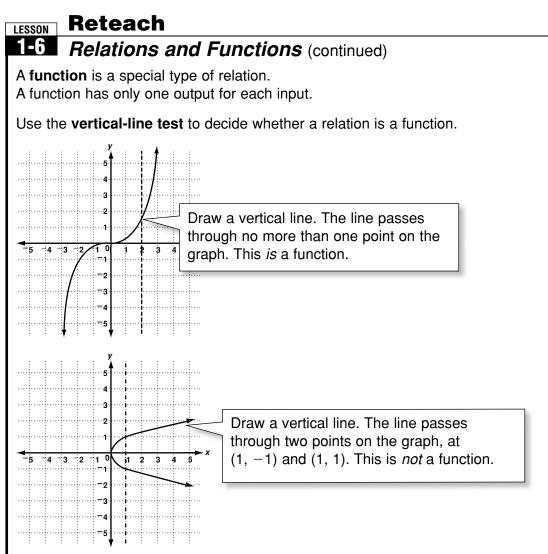
-4 -3 -2



Domain: { -4, \_\_\_\_\_

Range: { -2, \_\_\_\_\_

Name	Date	Class



Use the vertical-line test to determine whether each relation is a function. If not, identify two points a vertical line would pass through.

