

## Valentine Graph – Horizontal Translations

(1) Number the graph as described. x-axis: 0 – 20; y-axis: 0 - 6

(2) Connect the points in each column as you plot them		(3) Slide each point seven units left. $(x,y) \Rightarrow (x - 7, y)$		(4) Slide each point seven units right. $(x,y) \Rightarrow (x + 7, y)$
(10,0)		(3, 0)		(17,0)
(11, 1)		(4, 1)		(18, 1)
(12, 2)		(5, 2)		(19, 2)
(13, 4)		(6, 4)		(20, 4)
(13, 5)		(6, 5)		(20, 5)
(12, 6)		(5, 6)		(19, 6)
(11, 6)		(4, 6)		(18, 6)
(10, 5)		(3, 5)		(17, 5)
(9, 6)		(2, 6)		(16, 6)
(8, 6)		(1, 6)		(17, 6)
(7, 5)		(0, 5)		(14, 5)
(7, 4)		(0, 4)		(14, 4)
(8, 2)		(1, 2)		(15, 2)
(9, 1)		(2, 1)		(16, 1)
(10, 0)		(3, 0)		(17, 0)
Stop		Stop		Stop